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UNITED STATES DEPARTMENT OF AGRICULTURE

INDEX-CATALOGUE

OF

MEDICAL AND VETERINARY ZOOLOGY

SUPPLEMENT 20, PART 5

PARASITE-SUBJECT CATALOGUE:

PARASITES: ARTHROPODA AND MISCELLANEOUS PHYLA

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PARASITE-SUBJECT CATALOGUE:
PARASITES: ARTHROPODA AND MISCELLANEOUS PHYLA

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PREFACE

A revision of the Author Catalogue of the Index-Catalogue of Medical and Veterinary Zoology, consisting of Parts 1 to 18, was published during the period 1932–52. Beginning in 1953, a series of supplements designed to publish the backlog was initiated. This was completed with Supplement 6, published in 1956; since then supplements covering authors A to Z have been issued on an annual basis.

Beginning with Supplement 15, the Parasite-Subject Catalogues, containing indices to the author references, are being issued. The Author Catalogue continues the format of previous supplements. The users should note that for each reference in the Author Catalogue, the author(s) plus the date and letter (e.g., Smith, J.; and Doe, X., 1963 b) are the key to all items in the Parasite-Subject Catalogues derived from that reference. In other words, when using the Parasite-Subject Catalogues, it will be necessary to consult the Author Catalogue for complete bibliographical information.

The following are the parts of each supplement:

Part 1, Authors: A–Z
Part 2, Parasite-Subject Catalogue: Parasites: Protozoa
Part 3, Parasite-Subject Catalogue: Parasites: Trematoda and Cestoda
Part 4, Parasite-Subject Catalogue: Parasites: Nematoda and Acanthocephala
Part 5, Parasite-Subject Catalogue: Parasites: Arthropoda and Miscellaneous Phyla
Part 6, Parasite-Subject Catalogue: Subject Headings and Treatment
Part 7, Parasite-Subject Catalogue: Hosts

It is hoped that these Catalogues will serve as a useful tool to workers in the field of parasitology. Persons using this Catalogue are requested to preserve it, because it is not designed for general distribution and the edition is limited.

Reprints of papers on parasitology are requested.

EXPLANATORY NOTE

Format: The entries are presented in two double columns. Names of parasites are given in the left half of each column, and the authors of publications with the dates and necessary code letters (e.g., Smith, J.; and Doe, X., 1963 b) are given in the right half of each column. In references to systematic articles and new taxa, lists of pages and illustrations follow the authors and dates.

Alphabetization: In the left half of each column, the entries are arranged alphabetically by genera, parasitic diseases, and higher taxa, and then alphabetically by species within genera. Entries under each heading are in turn arranged in the right half of each column alphabetically by authors and then chronologically for each author.

Subheadings, left half of column: A variety of information is found indented beneath each entry: Classification, hosts, synonymy, keys, treatment, etc. In many cases, these subheadings are guides to the subject matter of the publication.

(1) *Classification:* In entries based on systematic articles, the subheadings may give the higher taxa in which genera have been placed or they may list the subfamilies or genera included in a family.

(2) *Hosts:* The only hosts recorded are those that pertain directly to the author's own work. Scientific host names are used unless the author gave only common names, in which cases the host names are given exactly as in the original publication. When a common name is used and there is no ambiguity about which species is meant, there is a cross-reference in the Host Catalogue to the scientific name; the host reference is found under the scientific name.

In the case of common host names in the Cyrillic alphabet languages, only the scientific host names are supplied; these are in square brackets [ ].

Locations of parasites in or on hosts are given in parentheses ( ). Where a host-parasite relationship is well known, a host may be given under a parasite name and not in the Host Catalogue; this applies particularly to parasites of medical and veterinary importance and of worldwide distribution. A + before the host name on the parasite entry means that no host entry was made for this particular reference.

(3) *Synonymy:* Only those synonyms that the author indicates as new or that are new to the files of the Index-Catalogue of Medical and Veterinary Zoology are given.

(4) *Keys:* The subheading "key" indicates that the name is included in a taxonomic key.

(5) *Treatment:* When there are more than three antiparasitic agents mentioned in a publication, a general term is used as a parasite subheading, e.g., anthelmintics, insecticides, protozoacides. However, in the Treatment Catalogue, all agents tested by the investigator(s) are listed.

Subheadings, right half of column: Subheadings under the authors give geographic distribution. When there are multiple hosts and geographic localities, the appropriate locality is recorded opposite each host name; when the hosts of a parasite are all from one locality, they are recorded as "all from" this locality.

The compilers thank the staffs of the National Agricultural Library, the National Library of Medicine, and all other libraries who have aided us invaluably by making publications available to us.

Trade names are used in this publication solely for the purpose of providing specific information. Mention of a trade name does not constitute a guarantee or warranty of the product by the U.S. Department of Agriculture or an endorsement by the Department over other products not mentioned.

Abasia pseudorostris
Synodus foetens (mouth cavity)
Overstreet, R. M., 1968 a
south Florida

Aborphysalis subgenus n.
subgen. of Haemaphysalis
key to species
Hoogstraal, H.; Dhanda, V.; and El Kammah, K. M., 1971 a, 748-749
tod: Haemaphysalis (A.) aborensis Warburton, 1913

Acanthochondria albigutta
[lapsus for A. albiguttula n. sp.]
Pearse, A. S., [1953 c], 225

Acanthochondria albiguttula n. sp.
[lapsus on p. 225 as A. albigutta]
Paralichthys albiguttulus (mouth)
Pearse, A. S., [1953 c], 225-227, figs. 103-110
Gulf of Mexico, Alligator Harbor, Florida

Acanthochondria flurae Krøyer (Chondracanthus flurae Krøyer)
O'Riordan, C. E., 1966 a
Ireland: Long Island Sound, West Cork

Acanthochondria tenuis n. sp.
Ogcocephalus nasutus
Pearse, A. S., [1953 c], 223-225, figs. 97-102
Alligator Harbor, Florida

Acanthocolax nov. gen.
Bomolochidae
Vervoort, W., 1969 a, 1, 113-115
tod: A. similis nov. spec.

Acanthocolax similis nov. gen., nov. spec. (tod)
Acanthurus hepatus (=A. chirurgus) (nasal fossae)
A. bahianus "
Vervoort, W., 1969 a, 1, 115-123, figs. 54-57
all from Piscadera Bay, Curaçao

Acanthomenopon Harrison, 1922
as syn. of Harrisonia Ferris
von Kéler, S., 1971 a, 14

Acanthonyssus dentipes
Sigmodon hispidus
collection, modified washing technique
Henry, L. G.; and McKeever, S., 1971 a
southeastern Georgia

Acanthopsylla jordani sp. n.
Sminthopsis murina
Mardon, D. K., 1973 a, 236-238, figs. 1-2
Dryandra Forestry Reserve, Western Australia

Acari
larval stages as the basis of taxonomic classification, evolution
Vercammen-Grandjean, P. H., 1969 a

Acariasis
ear mite, dogs, treatment
Gass, H., 1972 a

Acariasis
prevention, control, ruminants
Jolivet, G., 1971 a

Acariasis
human, caused by tyroglyphid (granary, flour) mites, literature review
Speranskiĭ, V. V., 1971 a

Acarina
human skin, differential diagnosis
Lüders, G., 1970 a, fig.
Mediterranean area immigrants to Germany

Acarina
review
Pérez-Íñigo, C., 1970 a, figs.

Acarina
in poultry litter, survey, probably not a reservoir for parasitic mites
Ronald, N. C.; and Enns, W. R., 1971 a
Missouri

Acarina
pictorial keys
United States Department of Health, Education, and Welfare. Public Health Service, 1964 a

Acarina [gen. sp.]
Cyprinus carpio (gills)
Osmanov, S. O., 1971 a, 244
Uzbekistan

Acarus
associated with topical fluorinated steroids, 3-month-old boy, case report
Macmillan, A. L., 1972 a, fig.

Acarus aegyptius Fabricius
as syn. of Hyalomma aegyptium (Linné) 1767
Pavesi, P., 1880 a, 384

Acarus farris
Oryctolagus cuniculus
Mead Briggs, A. R.; and Hughes, A. M., 1966 a
Great Britain

Acarus (Ixodes) hispanus Gervais in Walckenaer
as syn. of Hyalomma hispanum (Fabr.) 1787
Pavesi, P., 1880 a, 385

Aceosejidae gen. sp.
Microtus carruthersi
Mus musculus
Apodemus sylvaticus
Davydov, G.S.; and Morozova, I.V., 1970 a
all from Tadzhikistan

Achimella callorhini (Osborn), Eichler 1941
as syn. of Antarctophthirus callorhini (Osborn)
Kim, K.-C., 1971 a, 280

Achtheinus Wilson, 1908
as syn. of Perissopus
Cressey, R. F., 1965 a

Achtheinus Wilson, 1908
as syn. of Perissopus Steenstrup and Lütken, 1861
Cressey, R. F., 1967 a, 33

Achtheinus chinensis Thomsen, 1949
as syn. of Perissopus oblongatus [sic (Wilson, 1908) [n. comb. ?]
Cressey, R. F., 1967 a, 34

Achtheinus dentatus Wilson, 1911
as syn. of Perissopus oblongatus [sic] (Wilson. 1908) [n. comb. ?]
Cressey, R. F., 1967 a, 34

Achtheinus galeorhini Yamaguti, 1936
as syn. of Perissopus oblongatus [sic] (Wilson, 1908) [n. comb. ?]
Cressey, R. F., 1967 a, 34

Achtheinus impenderus Shen and Wang, 1958
as syn. of Perissopus oblongatus [sic] (Wilson, 1908) [n. comb. ?]
Cressey, R. F., 1967 a, 34

Achtheinus intermedius Kurtz, 1924
as syn. of Perissopus oblongatus [sic] (Wilson, 1908) [n. comb. ?]
Cressey, R. F., 1967 a, 34

Achtheinus japonicus Wilson, 1922
as syn. of Perissopus oblongatus [sic] (Wilson, 1908) [n. comb. ?]
Cressey, R. F., 1967 a, 34

Achtheinus oblongatus [sic] Wilson, 1908
as syn. of Perissopus oblongatus [sic] (Wilson, 1908) [n. comb. ?]
Cressey, R. F., 1967 a, 34

Achtheinus parvidens Wilson, 1923
as syn. of Perissopus oblongatus [sic] (Wilson, 1908) [n. comb. ?]
Cressey, R. F., 1967 a, 34

Achtheinus pinguis Wilson, 1912
as syn. of Perissopus oblongatus [sic] (Wilson, 1908) [n. comb. ?]
Cressey, R. F., 1967 a, 34

Achtheinus platensis Thomsen, 1949
as syn. of Perissopus oblongatus [sic] (Wilson, 1908) [n. comb. ?]
Cressey, R. F., 1967 a, 34

Achtheres micropteri Wright, 1882
Enneacanthus gloriosus
Micropterus salmoides
Burris, K. W.; and Miller, G. C., 1972 a
all from North Carolina

Achtheres percarum Nordmann 1832
structure, attachment organ
Kabata, Z.; and Cousens, B., 1972 a

Achtheres percarum Nordmann, 1832
Lucioperca lucioperca
Perca fluviatilis
Acerina cernua
[Lucioperca marina]
Osmanov, S. O., 1971 a, 242
all from Uzbekistan

Achtheres percarum
Lucioperca lucioperca
Tomnatik, E.N.; and Esinenko-Marits, N. M., 1968 a
Moldavian reservoirs

Achtheres percarum Nordmann, 1832
Perca fluviatilis (gills, buccal cavity)
Wootten, R., 1973 a
Hanningfield Reservoir, Essex

Acidoproctus taschenbergi Hopkins, 1938
Plectropterus gambensis gambensis
Alpochen aegyptiacus
Tendeiro, J., 1958 g, figs.
Angola
Guinée Portugaise; lac Victoria, Uganda

Acomatacarus angulatus Greenberg, 1952
as syn. of Odontacarus dentatus (Ewing, 1925)
Goff, M. L.; Loomis, R. B.; and Brennan, J. M., 1972 a

Acomatacarus (Austracarus) dendrohyracis n. sp.
Dendrohyracis sp. (peau du ventre et des flancs)
Vercammen-Grandjean, P. H., 1957 c, 13, 16, 17, 18, fig. II
nord du Lac Kivu, Congo Belge

Acomatacarus galli Ewing, 1946
lectotype designated
as syn. of Odontacarus dentatus (Ewing, 1925)
Goff, M. L.; Loomis, R. B.; and Brennan, J. M., 1972 a

Acomatacarus (Hyracarus) lemniscomyia n. sp.
Lemniscomys striatus
Vercammen-Grandjean, P. H., 1957 c, 13, 14-15, 17, fig. I
Alto Chicapa, Lunda, Angola

Acontiophorus n. gen.
Artotrogidae n. fam.
Brady, G. S., 1880 a, 52, 69

Acontiophorus angulatus I. C. Thompson
as syn. of A. scutatus Brady and Robertson
Giesbrecht, W., 1895 b, 179

Acontiophorus armatus n.sp.
Syn.: Ascomyzon ornatum, Brady and Robertson 1875
Brady, G. S., 1880 a, 71-72, pl. LXXXVII, figs. 8-15
Yorkshire coast, near Scarborough and Robin Hood's Bay, British Isles

Acontiophorus armatus Brady
as syn. of Acontiophorus ornatus Brady and Robertson
Giesbrecht, W., 1895 b, 179

Acontiophorus ornatus Brady and Robertson
Syn.: A. armatus Brady; Ascomyzon ornatum Brady and Robertson
Giesbrecht, W., 1895 b, 179
Yorkshire; Triest; Naples

Acontiophorus scutatus (Brady and Robertson) [n. comb.]
Syn.: Solenostoma scutatum Brady and Robertson 1873
Brady, G. S., 1880 a, 69-71, pl. XC, figs. 1-10

Acontiophorus scutatus Brady and Robertson
Syns.: Solenostoma scutatum Brady and Robertson; ? Acontiophorus angulatus I. C. Thompson
Giesbrecht, W., 1895 b, 179
British seas; New Zealand; Triest; Madeira ?; Naples

Acropsylla episema
Mus p. platythrix
Chandrahas, R. K.; and Krishnaswami, A. K., 1971 a
Kolar, India

Actornithophilus piceus (D.)
Ardea alba
Shcherbinina, O. Kh., 1969 a
Turkmenia

Aegathoa medialis Richardson
Dasyatis sabina (skin)
Lagodon rhomboides (gill)
Pearse, A. S., [1953 c]
all from Alligator Harbor, Florida

Aegathoa oculata (Say)
Lepisosteus osseus (skin)
Pearse, A. S., [1953 c]
Alligator Harbor, Florida

Afrolistrophorus g. n.
Listrophoridae
Fain, A., 1970 c, 282
tod: Listrophorus lophuromys Radford, 1940

Afrolistrophorus aeromys sp. n.
Aeromys tephromelas phaeomelas
Fain, A., 1970 c, 285
Bakong Riv., Baram, Sarawak

Afrolistrophorus apodemi sp. n.
Apodemus sylvaticus
Fain, A., 1970 c, 285
Hatert, Hollande

Afrolistrophorus brevis sp. n.
Steatomys opimus gazellae
Fain, A., 1970 c, 282-283
Doruma, Congo

Afrolistrophorus chiropodomys sp. n.
Chiropodomys pictor
Fain, A., 1970 c, 284
Mont Kina Balu, N. Borneo

Afrolistrophorus concinnus sp. n.
Mus minutoides musculoides
Fain, A., 1970 c, 284
Côte d'Ivoire

Afrolistrophorus dasymys sp. n.
Dasymys incomtus bentleyae
Fain, A., 1970 c, 283
Elisabethville, Congo

Afrolistrophorus hylopetes sp. n.
Hylopetes sagitta
Fain, A., 1970 c, 285
Bunguran Is., Natunas

Afrolistrophorus muricola sp. n.
Mus minutoides musculoides
Fain, A., 1970 c, 282
Côte d'Ivoire

Afrolistrophorus otomys sp. n.
Otomys tropicalis vulcanicus
Fain, A., 1970 c, 283
Astrida, Rwanda

Afrolistrophorus sicista sp. n.
Sicista subtilis
Fain, A., 1970 c, 284
Nord Caucase

Afrolistrophorus steatomys sp. n.
Steatomys pratensis
Fain, A., 1970 c, 283
Funda Biabo, Congo

Alabidocarpus
Labidocarpidae, key
McDaniel, B.; and Coffman, C. C., 1970 a

Alabidocarpus calcaratus Lawrence, 1952
key
Syn.: Alabidocarpus longipilus Pinichpongse, 1963
Myotis yumanensis saturatus — Lucern, Lake County, California
+M. tricolor — South Africa
M. myotis nigricans — Nueva Segovia, Nicaragua
McDaniel, B.; and Coffman, C. C., 1970 a

Alabidocarpus longipilus Pinichpongse, 1963
as syn. of Alabidocarpus calcaratus Lawrence, 1952
McDaniel, B.; and Coffman, C. C., 1970 a

Alabidocarpus nycteris sp. n.
Nycteris sp.
Fain, A., 1970 c, 297
Astrida, Rwanda

Alabidocarpus rousetti sp. n.
Rousettus leachi
Fain, A., 1970 c, 297
Nyiakibanda, Rwanda

Alcedinectes alcyon (Boyd, 1967) n. comb.
Pence, D. B., 1972 h, 435, 436

Alcephagus Gimmerthal, 1845
as syn. of Lipoptena Nitzsch, 1818
Vanschuytbroeck, R., 1968 a, 16

Alcyonicola gen. n.
Scott, T.; and Scott, A., 1895 a, 357
mt: A. fusiformis n. sp.

Alcyonicola fusiformis gen. et sp. n. (mt)
Alcyonium digitatum
Scott, T.; and Scott, A., 1895 a, 357-358, 362, pl. XVI, figs. 10-14; pl. XVII, fig. 13
Firth of Forth; Moray Firth

Alectorobius tholozani papillipes Birula
repellent sensitivity, developmental stages
Smirnova, S. N.; and Dremova, V. P., 1971 a

Alella pagelli (Krøyer 1863)
structure, attachment organ
Kabata, Z.; and Cousens, B., 1972 a, fig.

Allobrueelia amsel
collection technique, found concentrated on head of dead Turdus merula
Eichler, W., 1970 a

Alloceraea
subgen. of Haemaphysalis
key to species
Hoogstraal, H., 1969 b

Allodectes Gaud and Berla, 1963 (type of subf.)
Allodectinae, subfam. n.
key to species
Park, C. K.; and Atyeo, W. T., 1971 a, 656, 657

Allodectes amadoni n. sp.
key
Colibri t. thalassinus — Sierra Ozumatlan, west of Hidalgo, Michoacan, Omiltemi, Guerrero, and Tres Cumbres, Morelos, Mexico
C. c. coruscans — Ecuador
Park, C. K.; and Atyeo, W. T., 1971 a, 657, 659-661, fig. II

Allodectes amaziliae n. sp.
key
Amazilia (Saucerottia) tobaci erythronotos — Nariva Swamp, Trinidad, British West Indies; Vega de Oropouche, Trinidad
A. (A.) v. violiceps — Guerrero and Oaxaca, Mexico
A. (Polyerata) c. candida — Oaxaca, Mexico
A. (Saucerottia) b. beryllina — Morelos, Mexico
A. (S.) beryllina viola — Guerrero, Mexico
Park, C. K.; and Atyeo, W. T., 1971 a, 656, 661-663, fig. III

Allodectes amplissimus new species
key
Anthracothorax p. prevostii — Puento de Dios, San Luis Potosí, Vallee Nacional, Oaxaca and Cacahoatan, Chiapas, Mexico
A. viridigula — Caroni River, La Paille Village, Trinidad, British West Indies
Park, C. K.; and Atyeo, W. T., 1971 a, 657, 668-670, fig. VII

Allodectes bipeltatus new species
key
Phaethornis philippii — Brazil
P. b. bourcieri — Amapá, Brazil
Park, C. K.; and Atyeo, W. T., 1971 a, 657, 676-678, fig. XI

Allodectes elatarcus new species
key
Phaethornis superciliosus cassinii — Jaqué, Darien, Panama
Park, C. K.; and Atyeo, W. T., 1971 a, 657, 672-674, fig. IX

Allodectes longisetosus new species
key
Heliomaster constantii leocadiae — Rio Abuacatillo, north of Acapulco, Guerrero and Puerta Vallarta, Jalisco, Mexico
H. c. constantii — Ciudad Dariom, Metagalpa department, Nicaragua
Park, C. K.; and Atyeo, W. T., 1971 a, 657, 667-668, fig. VI

Allodectes nanus new species
key
Phaethornis longuemareus striigularis — Rio Nechi, Dept. Antioquia, Colombia
P. l. adolphi — Tres Zapotes and Tezonapa, Veracruz, Mexico
P. l. longuemareus — Vega de Oropouche, Trinidad, British West Indies
Park, C. K.; and Atyeo, W. T., 1971 a, 657, 674-676, fig. X

Allodectes norneri (Trouessart)
key
Aglaiocercus kingi mocoa (=Cynanthus mocoa)
Park, C. K.; and Atyeo, W. T., 1971 a, figs.
Pérou; Bolivia

Allodectes paulicaulus new species
key
Campylopterus c. curvipennis
Park, C. K.; and Atyeo, W. T.; 1971 a, 657, 665-667, fig. V
Xilitla region and Axtla, San Luis Potosí, Mexico

Allodectes prolaticaulus new species
key
Phaethornis superciliosus cassinii
P. s. cephalus
Park, C. K.; and Atyeo, W. T., 1971 a, 657, 670-672, fig. VIII
Jaqué, Darien, Panama
Rio Indio, Colón, Panama

Allodectes wetmorei new species
key
Phaethornis superciliosus mexicanus
P. s. longirostris
P. s. veraecrucis
Park, C. K.; and Atyeo, W. T., 1971 a, 656, 663-665, fig. IV
Futla, Oaxaca, Puerta Vallarta, Jalisco and Chacala, Nayarit, Mexico
British Honduras and Guatemala
Tobasco and Veracruz, Mexico

Allodectinae, n. subfam.
Proctophyllodidae
Park, C. K.; and Atyeo, W. T., 1971 a, 653, 654
type genus: Allodectes Gaud and Berla, 1963

Allodermanyssus muris (Hirst, 1913)
Rattus rattus
Rattus r. frugivorus
Uranomys foxi
Okereke, T.A., 1970 a
all from Nigeria

Allodermanyssus sanguineus (Hirst, 1914)
Meriones erythrourus
Rattus turkestanicus
Apodemus sylvaticus
Davydov, G.S.; and Morozova, I.V., 1970 a
all from Tadzhikistan

Allodermanyssus sanguineus Hirst
seasonal distribution
[Cricetulus migratorius]
[Mus musculus]
Osipova, N. Z., 1969 b
Chuĭsk valley, Kirgiziia, all from

Allophysalis Hoogstraal, 1959
subgen. redefined
includes: Haemaphysalis tibetensis Hoogstraal (1965); H. pospelovashtromae Hoogstraal (1966); H. garhwalensis Dhanda and Bhat (1968); H. warburtoni Nuttall (1912); H. kopetdaghicus Kerbabayev (1962)
Hoogstraal, H., 1971 c

Alloptes aviculocaulis Canestrini and Kramer, 1899
as syn. of Rhamphocaulus aviculocaulis (Trouessart)
Park, C. K.; and Atyeo, W. T., 1971 b, 223

Alloptes fenestralis Canestrini and Kramer, 1899
as syn. of Schizodectes fenestralis (Trouessart, 1885) n. comb.
Park, C. K.; and Atyeo, W.T., 1972 a

Allotrifur
Lernaeoceridae, key
Kabata, Z., 1972 a

Alveonasus lahorensis
rickettsia, development
Kokorin, I. N.; Sidorov, V. E.; and Gudima, O. S., 1969 a

Alveonasus lahorensis
homogenates and hemolymph study, electrophoresis, taxonomy
Krasnobaeva, Z. N.; Stepanchenok-Rudnik, G. I.; and Grokhovskaia, I. M., 1971 a

Alveonasus lahorensis Neum.
Dermacentroxenus sibiricus, localization, development
Kriuchechnikov, V. N.; and Sidorov, V. E., 1969 a

Alveonasus lahorensis
Ovis orientalis arcal
Mel'chakova, E. D.; Savinov, E. F.; and Krivkova, A. M., 1969 a
Severnyĭ Aktau

Amblycera
nomenclature
Złotorzycka, J., 1966 b
Poland

Amblyomma
infra-internal bristles of palps, morphology, location number
Senevet, G., 1970 a

Amblyomma sp. near albopictum Neumann, 1899
Iguana delicatissima
Kohls, G. M., 1969 c, 131
Layou Park, Dominica

Amblyomma sp.
Cricetomys gambianus
Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a
Tema periphery, South Ghana

Amblyomma sp.
Macaca radiata
Presbytis entellus
Rajagopalan, P. K.; and Anderson, C. R., 1971 a
Shimoga District, India, all from

Amblyomma sp. (probably A. americanum)
Odocoileus virginianus
Samuel, W. M.; and Trainer, D. O., 1970 a
Welder Refuge, south Texas

Amblyomma sp.
Sylvilagus floridanus mallurus
Stringer, R. P.; Harkema, R.; and Miller, G. C., 1969 a
North Carolina

Amblyomma americanum
morphology, Haller's organ
Bruce, W. A., 1971 b, figs.

Amblyomma americanum
control trials, Rabon, VCS 506, C9491
Combs, R. L. (jr.), 1971 a
Mississippi

Amblyomma americanum
rabon; VCS 506; C-941, cattle
Combs, R. L. (jr.), 1971 b

Amblyomma americanum
nymphs, susceptibility to ixodicides, effect of age, temperature
Darrow, D. I.; and Whetstone, T. M., 1972 a

Amblyomma americanum
insecticides, screening
Drummond, R. O.; Darrow, D. I.; and Gladney, W. J., 1971 a

Amblyomma americanum (L.)
acaricides, control
Drummond, R. O.; and Whetstone, T. M., 1973 a

Amblyomma americanum
cattle, systemic insecticides in feed
Drummond, R. O.; Whetstone, T. M.; Ernst, S. E.; and Gladney, W. J., 1972 a

Amblyomma americanum
oviposition, disturbed and undisturbed females
Drummond, R. O.; Whetstone, T. M.; and Gladney, W. J., 1971 a

Amblyomma americanum
tarsal sensilla, fine structure
— Foelix, R. F.; and Axtell, R. C., 1971 a, figs. 1-14

Amblyomma americanum (L.)
ultrastructure of Haller's organ
— Foelix, R. F.; and Axtell, R. C., 1972 a, figs.

Amblyomma americanum
guinea pigs, effect of photoperiod on rate of attachment
— Gladney, W. J.; and Wright, J. W., 1971 a

Amblyomma americanum
human
horse
— Good, N. E., 1972 a
Suffolk County, New York, all from

Amblyomma americanum
techniques, rapid and economical collection, large numbers, woodlots
— Hair, J. A.; Hoch, A. L.; Barker, R. W.; and Semtner, P. J., 1972 a

Amblyomma americanum
control, imported fire ant as predator
— Harris, W. G.; and Burns, E. C., 1972 a

Amblyomma americanum
survival, cleared and uncleared woodlots, possible control measure
— Hoch, A. L.; Barker, R. W.; and Hair, J. A., 1971 a

Amblyomma americanum
control, vegetative alteration, Gardona
— Hoch, A. L.; Barker, R. W.; and Hair, J. A., 1971 b

[Amblyomma americanum]
lone star tick
control by controlled burning of woodlots
— Hoch, A.L.; Semtner, P. J.; Barker, R.W.; and Hair, J. A., 1972 a
eastern Oklahoma

Amblyomma americanum
Odocoileus virginianus
— Kellogg, F. E.; Kistner, T. P.; Strickland, R. K.; and Gerrish, R. R., 1971 a
Alabama; Arkansas; Florida; Georgia; Kentucky; Louisiana; Maryland; Mississippi; North Carolina; Oklahoma; South Carolina; Tennessee; Texas; Virginia

Amblyomma americanum
form, function and interrelationships of fat body,
— Obenchain, F. D.; and Oliver, J. H. (jr.), 1973 a
associated tissues

Amblyomma americanum (L.)
Haller's organ setae and associated tarsal setae, morphological comparison with Argas (Persicargas) arboreus
— Roshdy, M.A.A.; oelix, R.F.; and Axtell, R.C., 1972 a

Amblyomma americanum (L.)
vector, Rocky Mountain spotted fever, clinical and epidemiologic features
— Rothenberg, R.; and Sonenshine, D. E., 1970 a
Virginia

Amblyomma americanum (Linnaeus)
Odocoileus virginianus
— Samuel, W. M.; and Trainer, D. O., 1970 a
Welder Refuge, south Texas

Amblyomma americanum (L.)
water balance, humidity, temperature
— Sauer, J. R.; and Hair, J. A., 1971 a

Amblyomma americanum
feeding habits, metabolism, quantity, laboratory hosts
— Sauer, J.R.; and Hair, J.A., 1972 a

Amblyomma americanum
longevity, behavior, temperature, humidity, various ecological habitats
— Semtner, P. J.; Barker, R.W.; and Hair, J. A., 1971 a

Amblyomma americanum
abundance, distribution, types of vegetation
— Semtner, P. J.; Howell, D. E.; and Hair, J. A., 1971 a
Cherokee Co., Oklahoma

Amblyomma americanum
desiccation, rehydration, effects on water content, haemolymph volume, osmolarity, concentrations of Na, K, Mg, Ca
— Shih, C. Y.; et al., 1973 a

Amblyomma americanum
population dynamics, seasonal distribution, overwintering, life cycle
Mephitis mephitis
Procyon lotor
Didelphis virginiana
— Sonenshine, D. E.; and Levy, G. F., 1971 a
Virginia, all from

Amblyomma americanum
host-parasite relationships, seasonal activity
Procyon lotor
Mephitis mephitis
Vulpes fulva
Urocyon cinereoargenteus
Sciurus carolinensis
Marmota monax
Didelphis marsupialis
— Sonenshine, D. E.; and Stout, I. J., 1971 a
Newport News and Montpelier, Virginia
Montpelier, Virginia
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Newport News, Virginia

Amblyomma americanum
attraction to carbon dioxide, all developmental stages
— Wilson, J. G.; Kinzer, D. R.; Sauer, J. R.; and Hair, J. A., 1972 a

Amblyomma americanum
morphology, respiratory apparatus, scanning electron microscopy
— Woolley, T. A., 1972 a, fig.

Amblyomma auriculare (Concil)
Dusicyon gymnocercus antiquus
— Bischoff de Alzuet, A. D., [1971 a], fig.
Provincia de Buenos Aires

Amblyomma cajennense (Fabricius)
Odocoileus virginianus
— Samuel, W. M.; and Trainer, D. O., 1970 a
Welder Refuge, south Texas

Amblyomma cajennense
control, cattle
— Smith, M. W., 1972 a
Trinidad, Tobago

Amblyomma cajenennse
morphology, respiratory apparatus, scanning electron microscopy
— Woolley, T. A., 1972 a, fig.

Amblyomma calcaratum Neumann 1899
Tamandua tetradactyla
— Boero, J. J.; and Delpietro, H., 1971 a, figs.
Iguazú (Misiones)

Amblyomma cohaerens
transmission trials, Rickettsia prowazeki
— Burgdorfer, W.; Ormsbee, R. A.; and Hoogstraal, H., 1972 a

Amblyomma cyprium
from animals or material imported into United States
— Koutz, F. R., 1966 b

Amblyomma dissimile
lesions
Bufo marinus
Jakowska, S., 1972 a
Santo Domingo (air-shipped to New York)

Amblyomma dissimile Koch
Bufo marinus
Iguana iguana
Kohls, G. M., 1969 c, 131-132
Washy Pond, southeast of Merricks (St. Philip), Barbados; Cole's pasture pond
Carriacou; La Pecha, Los Frailes; Morro Pando, Los Hermanos; Porlamar, Margarita; El Valle, Laguna Dulce, Macanao, Margarita

Amblyomma dissimile
from animals or material imported into United States
Koutz, F. R., 1966 b

Amblyomma dissimile Koch
Drymarchon corais
Iguana iguana
Elaphe obsoleta quadrivittata
Lampropeltis getulus
Pituophis melanoleucus
Wilson, N. A.; and Kale II, H. W., 1972 a
all from Indian River County, Florida

Amblyomma fulvum Neumann, 1899
redescription
Keirans, J. E., 1972 b, figs.

Amblyomma gemma
from animals or material imported into United States
Koutz, F. R., 1966 b

Amblyomma hebraeum
immature stages, morphology, scanning electron microscope studies
Arthur, D. R., 1973 a

Amblyomma hebraeum
control, economic importance, review
Shaw, R. D., 1973 a

Amblyomma hebraeum
Lujet, Asuntol, Baytex, Merino sheep
Stampa, S., 1964 c

Amblyomma inornatum Banks
Odocoileus virginianus
Samuel, W. M.; and Trainer, D. O., 1970 a
Welder Refuge, south Texas

Amblyomma lepidum
from animals or material imported into United States
Koutz, F. R., 1966 b

Amblyomma limbatum
Varanus gouldii
Tiliqua scincoides
Natrix mairii
Aspidites melanocephalus
Doherty, R.L.; et al., 1971 a
Mitchell River, Queensland, all from

Amblyomma longirostre (Koch, 1844)
Coendu spinosus
Boero, J. J.; and Delpietro, H., 1969 a, figs.
Argentina

Amblyomma maculatum Koch
decreased susceptibility of engorged nymphs to chlorpyrifos, postengorgement period
Beadles, M. L.; Whetstone, T. M.; and Drummond, R. O., 1973 a

Amblyomma maculatum Koch
Dusicyon gymnocercus antiquus
Bischoff de Alzuet, A. D., [1971 a], figs.
Provincia de Buenos Aires

Amblyomma maculatum
musculature and neuromuscular potential, tarsus I
Chow, Y.-S.; and Lin, S.-H., 1972 a, fig.

Amblyomma maculatum
cattle, systemic insecticides in feed
Drummond, R. O.; Whetstone, T. M.; Ernst, S. E.; and Gladney, W. J., 1972 a

Amblyomma maculatum
Odocoileus virginianus
Kellogg, F. E.; Kistner, T. P.; Strickland, R. K.; and Gerrish, R. R., 1971 a
Alabama; Florida; Georgia; Louisiana; Mississippi; South Carolina; Texas

Amblyomma maculatum (Koch)
Odocoileus virginianus
Samuel, W. M.; and Trainer, D. O., 1970 a
Welder Refuge, south Texas

Amblyomma maculatum
seasonal distribution
Colinus virginianus
Ammodramus savannarum
Sturnella magna
Sigmodon hispidus
Peromyscus maniculatus
Sylvilagus floridanus
Perognathus hispidus
Microtus orchrogaster
Lepus californicus
coyote
dog
dickcissel
cattle
Semtner, P. J.; and Hair, J. A., 1973 a
all from Nowata County, Oklahoma

Amblyomma maculatum Koch
Urocyon cinereoargenteus
Wilson, N. A.; and Kale II, H. W., 1972 a
Indian River County, Florida

Amblyomma maculatum Koch
oviposition, photoperiod
Wright, J. E., 1971 b

Amblyomma rotundatum Koch, 1844
Kohls, G. M., 1969 c, 132
Grenada

Amblyomma rotundatum
from animals or material imported into United States
Koutz, F. R., 1966 b

Amblyomma testudinarium
cattle
Hoogstraal, H.; Saito, Y.; Dhanda, V.; and Bhat, H. R., 1971 a, 182
India

Amblyomma triguttatum
Q fever vector
Derrick, E. H., 1961 a

Amblyomma tuberculatum Marx
ecology, life cycle
Gopherus polyphemus
Cooney, J. C.; and Hays, K. L., 1972 a
Alabama; Georgia

Amblyomma tuberculatum
form, function and interrelationships of fat body, associated tissues
Obenchain, F. D.; and Oliver, J. H. (jr.), 1973 a, figs.

Amblyomma tuberculatum Marx
Gopherus polyphemus
Turdus migratorius
Wilson, N. A.; and Kale II, H. W., 1972 a
all from Indian River County, Florida

Amblyomma variegatum
Albanese, M.; Smiraglia, C. B.; and Lavagnoni, A., 1971 a fig.
Sicily

Amblyomma variegatum
transmission trials, Rickettsia prowazeki
— Burgdorfer, W.; Ormsbee, R. A.; and Hoogstraal, H., 1972 a

Amblyomma variegatum
vector of Rickettsia conori
— Giroud, P.; et al., 1966 a

Amblyomma variegatum
Rind
Schaf
Ziege
Wildboviden
Phacochoerus aethiopicus
— Hoffmann, G.; and Lindau, M., 1971 a
all from Niger

Amblyomma variegatum
chlorfenvinphos, cattle
— Mohammed, A. N., 1970 a
Nigeria

Amblyomma variegatum
survey, 1970
— United States Department of Agriculture. Agricultural Research Service. Animal Health Division, 1971 a
St. Croix, U. S. Virgin Is.

Amblyomma variegatum
vector, viruses
— Williams, R.W.; Causey, O.R.; and Kemp, G. E., 1972 a
Ibadan, Nigeria

Amenophia peltata Boeck
as syn. of Thalestris peltata (Boeck)
— Scott, T.; and Scott, A., 1895 a, 354

Amorphacarus
redefinition
— Lukoschus, F. S.; and Driessen, F. M., 1971 a

Amorphacarus sp.
Sorex araneus
— Pinchuk, L. M., 1968 a
Moldavia

Amorphacarus elongatus (Poppe, 1896)
Sorex araneus
— Beron, P., 1971 a
France

Amorphacarus hengererorum
Sorex cinereus
— Whitaker, J. O. (jr.); and Mumford, R. E., 1972 a
Indiana

Amorphacarus hengererorum
Sorex palustris
— Whitaker, J. O. (jr.); and Schmeltz, L. L., 1973 a
St. Louis County, Minnesota

Amorphacarus parvisetosus n. sp.
Neomys fodiens (head and shoulder region)
— Lukoschus, F. S.; and Driessen, F. M., 1971 a, 163-169, 170, 171-172, figs. 1-29
Nijmegen, Netherlands

Amphipsylla n. sp. 1
Hyperacrius fertilis
Alticola
— Traub, R.; and Evans, T. M., 1967 b, 655
all from W. Pakistan

Amphipsylla n. sp. 2
Hyperacrius fertilis
Alticola
Apodemus flavicollis
— Traub, R.; and Evans, T. M., 1967 b, 655
all from W. Pakistan

Amphipsylla georgica
Cricetulus migratorius
Apodemus (Sylvimus) sylvaticus
— Alaniia, I. I.; Dzneladze, M. T.; Rostigaev, B. A.; and Shirenovich, P. I., 1971 a
all from Adjarian ASSR

Amphipsylla kuznetzovi Wagn.
Vulpes vulpes
V. corsac
— Tarasevich, L. N.; Tagil'tsev, A. A.; and Mal'kov, G.B., 1969 a
all from Omsk region, USSR

Amphipsylla phaiomydis sp. n.
Phaiomys juldaschi
Mus musculus
P. karruthersi
— Ioff, I.G., 1949 a, 78-80, figs. 53-54
all from Kirgiz

Amphipsylla prima Wagn.
Vulpes vulpes
V. corsac
— Tarasevich, L. N.; Tagil'tsev, A. A.; and Mal'kov, G. B., 1969 a
all from Omsk region, USSR

Amphipsylla rossica
Sorex araneus
Prometheomys schaposchnikovi
Microtus (Chionomys) nivalis
Cricetulus migratorius
Microtus arvalis
M. (Pitymys) major
Apodemus (Sylvimus) sylvaticus
Mustela nivalis
— Alaniia, I. I.; Dzneladze, M. T.; Rostigaev, B. A.; and Shiranovich, P. I., 1971 a 566
all from Adjarian ASSR

Amphipsylla rossica
Citellus citellus
Microtus arvalis
— Peus, F., 1970 a
all from Germany

Amphipsylla sibirica Wagn.
Arvicola terrestris
Microtus oeconomus
Clethrionomys
[Apodemus agrarius]
[Micromys minutus]
[Rattus norvegicus]
[Mustela sibiricus]
[Talpa]
Sorex
— Igolkin, N. I., 1960 a
all from Ob River shore

Amphipsylla sibirica
Microtus montanus
Peromyscus maniculatus
— Allred, D. M., 1968 a
all from National Reactor Testing Station, Idaho

Amphipsylla sibirica orientalis ssp. n. [nomen nudum]
— Ioff, I.G., 1949 a, 76
Kirgiz

Amphipsylla sibirica sepifera
infectivity, altitude, seasonal distribution
Sorex araneus
Microtus nivalis
Clethrionomys glareolus
— Mahnert, V., 1972 a
all from Tirol, Austria

Amyrsidea sp. powelli group (Bedford, 1920)
domestic chickens
— Fabiyi, J. P., 1972 a
Vom area, Benue-Plateau State, Nigeria

Amyrsidea megalosoma (Overgaard, 1943)
Pedioecetes phasianellus
— Boddicker, M. L.; and Hughins, E. J., 1965 a
South Dakota

Amyrsidea obstinata n. sp.
Lyrurus tetrix
— Złotorzycka, J., 1972 a, 583-585, figs. 5-6
near Łomża, Polen

Anahuacia gen. nov.
Trombiculidae; Trombiculinae
— Hoffmann Mendizabal, A., 1963 b, 101-102
tod: A. robertraubi sp.nov.

Anahuacia robertraubi sp. nov. (tod)
— Hoffmann Mendizabal, A., 1963 b, 101, 102-104, figs. 1-5

Microtus sp.
Ojotongo, Lagunas de Zempoala, Estado de México

Sorex sp.
Ojo de Agua, Lagunas de Zempoala, Estado de Morelos

Analges chelopus
Passer domesticus domesticus
Lalitha, C. M.; and Alwar, V. S., 1973 a
Madras

Analges mucronatus Buchh., 1868
description
Parus major
P. caeruleus
Panurus biarmicus
Shumilo, R. P.; and Loĭanich, A. A., 1968 a, figs.
all from Moldavia

Analgesinae
Turdus m. merula
Baum, H., 1968 a

Anaticola anseris
duck
goose
Rafyi, A.; Alavi, A.; and Rak, H., 1969 b, fig.
all from Iran

Anaticola gambensis (Piaget)
Plectropterus gambensis gambensis
Tendeiro, J., 1958 g, figs.
Angola

Anatoecus Cummings, 1916
includes: Anatoecus s. str.; Benatoecus subgen. n.
Złotorzycka, J., 1970 a, 9

Anatoecus s. str.
subgen. of Anatoecus, key to species
includes: Anatoecus (A.) cygni (Denny); Anatoecus (A.) icterodes (Nitzsch)
Złotorzycka, J., 1970 a, 9,10

Anatoecus (A.) cygni (Denny)
key
Złotorzycka, J., 1970 a

Anatoecus (A.) cygni bracteatus Kéler, 1960
key
Cygnus cygnus
C. columbianus bewickii
Złotorzycka, J., 1970 a, 10, 55-56, 57, fig., photo 12
Wolin, Poland

Anatoecus (A.) cygni cygni (Denny, 1842)
Cygnus columbianus bewickii
Złotorzycka, J., 1970 a, 57

Anatoecus dentatus (Scopoli, 1763)
+[Streptopelia turtur] (nest)
Shcherbinina, O. Kh.; and Kurbanova, D. B., 1969 a
Ashkhabad

Anatoecus (Benatoecus) dentatus (Scopoli)
key
Złotorzycka, J., 1970 a

Anatoecus (Benatoecus) dentatus ssp.
Netta rufina
Złotorzycka, J., 1970 a, 11, 30-31, fig. 27

Anatoecus (Benatoecus) dentatus ssp.
Melanitta nigra
Złotorzycka, J., 1970 a, 11, 39-40, figs.

Anatoecus (Benatoecus dentatus ssp.
Branta bernicla
Złotorzycka, J., 1970 a, 11, 40

Anatoecus (Benatoecus) dentatus ssp.
Mergus merganser
Złotorzycka, J., 1970 a, 11, 61

Anatoecus (Benatoecus) dentatus abdominalis subsp. nov.
Anser fabalis
Złotorzycka, J., 1970 a, 11, 45-46, photo 9
Lublin, Poland

Anatoecus (Benatoecus dentatus bisetosus (Piaget, 1885, sensu nec
Mergus serrator
Złotorzycka, J., 1970 a, 11, 59-60, fig. 60

Anatoecus (Benatoecus) dentatus brunneopygus (Mjöberg, 1910)
Branta leucopsis
Złotorzycka, J., 1970 a, 11, 47, fig. 44

Anatoecus (Benatoecus) dentatus castaneus subsp. nov.
Anas querquedula
Złotorzycka, J., 1970 a, 11, 24-25, fig. 20, photo 1
Poznań and Wrocław, Poland

Anatoecus (Benatoecus dentatus clangulae Emerson, 1953
Clangula hyemalis
Złotorzycka, J., 1970 a, 11, 37-38, fig. 35

Anatoecus (Benatoecus) dentatus cognatus subsp. nov.
Anas platyrhynchos dorestica
Złotorzycka, J., 1970 a, 11, 17-18, fig. 7
Świdnica, Poland

Anatoecus (Benatoecus dentatus complicatus subsp. nov.
Anas penelope
Złotorzycka, J., 1970 a, 11, 21-22, figs. 15-17
Warszawa, Poland

Anatoecus (Benatoecus) dentatus dentatus Scopoli, 1763)
Anas p. platyrhynchos
Złotorzycka, J., 1970 a, 11, 13-15, figs.
Poland; Yugoslavia

Anatoecus (Benatoecus) dentatus ferrugineus (Giebel, 1874
Spatula clypeata
Złotorzycka, J., 1970 a, 11, 28-29, figs.

Anatoecus (Benatoecus) dentatus fuligulae Kéler, 1960
Złotorzycka, J., 1970 a, 11, 33

Anatoecus (Benatoecus) dentatus georgescui Kéler, 1960
+Aythya nyroca
Złotorzycka, J., 1970 a, 11, 32-33, fig.
Mestera-See-Delta, Romania

Anatoecus (Benatoecus) dentatus gratus subsp. nov.
Bucephala clangula
Złotorzycka, J., 1970 a, 10, 35, photo 6
Suwalki and Górki Wschodnie, Poland

Anatoecus (Benatoecus) dentatus latiusculus Kéler, 1960
Polysticta stelleri
Złotorzycka, J., 1970 a, 11, 40-41, fig.

Anatoecus (Benatoecus) dentatus longicephalus subsp. nov.
Anas strepera
Złotorzycka, J., 1970 a, 11, 19-20, figs. 10-11
Poland

Anatoecus (Benatoecus dentatus magnicornutus subsp. nov.
Cygnus olor
Złotorzycka, J., 1970 a, 11, 52, 54-55, figs. 53-54, photo 11
Kozczewo, Poland

Anatoecus (Benatoecus) dentatus parviclypeatus Kéler, 1960
Alopochen aegyptiaca
Złotorzycka, J., 1970 a, 11, 49-50

Anatoecus (Benatoecus) dentatus prehensus subsp. nov.
Anas crecca
Złotorzycka, J., 1970 a, 10, 27-28, fig. 22, photo 3
Zawiercie, Poland

Anatoecus (Benatoecus dentatus roesleri Eichler, 1946
Melanitta fusca
Złotorzycka, J., 1970 a, 11, 34

Anatoecus (Benatoecus) dentatus somateriae Kéler, 1960	Złotorzycka, J., 1970 a, 11, 41
Anatoecus icterodes Botaurus stellaris Phalacrocorax pygmaeus	Shcherbinina, O. Kh., 1969 a Turkmenia, all from
Anatoecus (A.) icterodes (Nitzsch) key	Złotorzycka, J., 1970 a
Anatoecus (A.) icterodes ssp Anas platyrhynchos domestica	Złotorzycka, J., 1970 a, 10, 16, 17 Wroclaw Zoo
Anatoecus (A.) icterodes ssp. Melanitta fusca	Złotorzycka, J., 1970 a, 10, 38, 39, figs. 36-37
Anatoecus (A.) icterodes adustus (Nitzsch, 1874) Anser anser domesticus	Złotorzycka, J., 1970 a, 10, 43, fig. Wrocław Zoo, Poland
Anatoecus (A.) icterodes bipunctatus (Giebel, 1874) Mergus merganser	Złotorzycka, J., 1970 a, 10, 60-61, fig. 61 Wrocław, Poland
Anatoecus (A.) icterodes boschadis Kéler, 1960 Anas p. platyrhynchos	Złotorzycka, J., 1970 a, 10, 12-13, figs. Poland; Yugoslavia
Anatoecus (A.) icterodes brantae Eichler, 1946 Branta ruficollis	Złotorzycka, J., 1970 a, 10, 47-48, fig. 45
Anatoecus (A.) icterodes brevimaculatus (Giebel, 1874 Anser albifrons	Złotorzycka, J., 1970 a, 10, 44
Anatoecus (A.) icterodes brunneiceps (Giebel, 1874) Cygnopsis cygnoid	Złotorzycka, J., 1970 a, 10, 43-44 Wrocław Zoo, Poland
Anatoecus (A.) icterodes catuneanui Kéler, 1960 +Aythya nyroca	Złotorzycka, J., 1970 a, 10, 32, fig. Mestera-See-Delta, Romania
Anatoecus (A.) icterodes crassus Kéler, 1960 +Oxyura leucocephala	Złotorzycka, J., 1970 a, 10, 43, fig. Berlin, Germany
Anatoecus (A.) icterodes difficilis Cummings, 1916 Aythya ferina	Złotorzycka, J., 1970 a, 10, 31-32 Nysa, Poland; Hodonin, Czechoslovakia
Anatoecus (A.) icterodes discludus subsp. nov. Anas platyrhynchos domestica	Złotorzycka, J., 1970 a, 10, 15-16, figs. 5-6
Anatoecus (A.) icterodes dissensus subsp. nov. Bucephala clangula	Złotorzycka, J., 1970 a, 11, 33-34, fig. 30, photos 4-5 Górki and Suwałki, Poland
Anatoecus (A.) icterodes eichleri subsp. nov. Anas crecca	Złotorzycka, J., 1970 a, 10, 25-27, fig. 21, photo 2 Zawiercie, Poland
Anatoecus (A.) icterodes emersoni Kéler, 1960 Chen caerulescens	Złotorzycka, J., 1970 a, 10, 46
Anatoecus (A.) icterodes icterodes (Nitzsch, 1818) Mergus serrator	Złotorzycka, J., 1970 a, 10, 58-59, figs. 56-59
Anatoecus (A.) icterodes islandicus subsp. nov. Bucephala islandica	Złotorzycka, J., 1970 a, 10, 35-36, figs. 31-32 Nord-Island, Norway
Anatoecus (A.) icterodes mollissimae Kéler, 1960	Złotorzycka, J., 1970 a, 10, 41
Anatoecus (A.) icterodes natatorum (Rudow, 1869) Clangula hyemalis	Złotorzycka, J., 1970 a, 10, 36-38, figs. 33-34 Rybačij, SSR
Anatoecus (A.) icterodes obtusus (Giebel, 1866) Aythya fuligula	Złotorzycka, J., 1970 a, 10, 33
Anatoecus (A.) icterodes oloris subsp. nov. Cygnus olor	Złotorzycka, J., 1970 a, 10, 50-52, fig. 48, photo 10 Kołczewo, Poland
Anatoecus (A.) icterodes pallidus Kéler, 1960 Chen caerulescens	Złotorzycka, J., 1970 a, 10, 46
Anatoecus (A.) icterodes parvus subsp. nov. Anas querquedula	Złotorzycka, J., 1970 a, 10, 22-23, figs. 18-19 Wrocław, Poland
Anatoecus (A.) icterodes pustulosus subsp. nov. Netta rufina	Złotorzycka, J., 1970 a, 10, 29-30, figs. 25-26 Lednice, Czechoslovakia
Anatoecus (A.) icterodes sanfti Kéler, 1960 Alopochen aegyptiaca	Złotorzycka, J., 1970 a, 10, 49
Anatoecus (A.) icterodes simplicatus subsp. nov. Anas penelope	Złotorzycka, J., 1970 a, 10, 20-21, figs. 12-14 Poland
Anatoecus (A.) icterodes solivagus subsp. nov. Anas strepera	Złotorzycka, J., 1970 a, 10, 18, figs. 8-9 Sominy, Poland
Anatoecus (A.) icterodes tadornae subsp. nov. Tadorna tadorna	Złotorzycka, J., 1970 a, 48-49, figs. 46-47 Poland
Anatoecus (A.) icterodes tendeiroi Kéler, 1960	Złotorzycka, J., 1970 a, 10, 28
Anatoecus (A.) icterodes tergalis subsp. nov. Anser fabalis	Złotorzycka, J., 1970 a, 10, 44-45, photos 7-8 Lublin, Poland; Jurský šúr, Czechoslovakia
Anatoecus (Benatoecus) musicus Eichler, 1947 key [p. 56 as Anatoecus (Benatoecus ?) musicus] "meiner Meinung die Möglichkeit, dass Anatoecus musicus Eichl. mit A. (A.) cygni bracteatus Kél. identisch ist."	Złotorzycka, J., 1970 a, 11, 56-57
Anatoecus (Benatoecus) penicillatus Kéler, 1960 key Cygnus olor	Złotorzycka, J., 1970 a, 11-12, 52, 53, figs. 49-52
Anatoecus (Benatoecus) penicillatus ? Kéler, 1960 Cygnus columbianus bewickii	Złotorzycka, J., 1970 a, 57-58, fig. 11

Ancistropsyllidae Tiflanoff and Fuller, 1947 — Hopkins, G. H. E.; and Rothschild, M., 1971 a, 516-525

Ancystropus
Spinturnicidae, key — Pan, Z.-W.; and Teng, K.-F., 1973 a

Ancystropus zeleborii Kolenati, 1856
Cynopterus s. sphinx — Pan, Z.-W.; and Teng, K.-F., 1973 a
China

Andreacarus petersi Radford 1953
Cricetomys gambianus — Okereke, T.A., 1970 a
Nigeria

Andreacarus zumpti Taufflieb, 1956
Cricetomys gambianus — Okereke, T.A., 1970 a
Nigeria

Androlaelaps sp.
Dipodomys ordii
Onychomys leucogaster
Perognathus parvus
Peromyscus maniculatus — Allred, D. M., 1970 d
all from near Idaho Falls, Idaho

Androlaelaps sp.
Cricetulus migratorius
Ellobius talpinus
Apodemus sylvaticus
Microtus carruthersi
Rattus turkestanicus — Davydov, G.S.; and Morozova, I.V., 1970 a
all from Tadzhikistan

Androlaelaps sp.
[Apodemus sylvaticus]
[Cricetulus migratorius]
[Microtus carruthersi] — Davydov, G.S.; and Morozova, I.V., [1971 a]
all from western Tadzhikistan

Androlaelaps sp.
Tatera kempi — Paperna, I.; Furman, D. P. and Rothstein, N., 1970 a
East cantonments, South Ghana

Androlaelaps sp.
Mastomys natalensis — Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a
Achimota, Nungua-Tema, South Ghana

Androlaelaps sp. nov.
Tatera kempi — Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a
East cantonments, South Ghana

Androlaelaps sp. near dasymys (Radford)
Mastomys natalensis — Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a
Nungua-Tema, South Ghana

Androlaelaps arvicanthis Radford, 1944
Tatera kempii
Rattus (Myomys) daltoni
Lemniscomys striatus
Uranomys foxi — Okereke, T.A., 1970 a
all from Nigeria

Androlaelaps arvicanthis
Tatera kempi — Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a
East cantonments, South Ghana

Androlaelaps arvicanthis Radford
Syns.: Turkiella arvicanthis Zumpt & Till, 1953; Androlaelaps equatoriensis Keegan, 1956
morphological variations
Laterillus nigeriae
T. gracilis
Praomys natalensis
Tatera kempii — Zumpt, F. K. E.; and Elliott, G., 1970 a
all from northern Nigeria

Androlaelaps benoiti n. sp.
Saccostomus campestris — Till, W. M., 1973 a, 159-164, figs. 1-9
Elisabethville, Karavia and Kirwishi, Zaïre

Androlaelaps casalis
Sciurus carolinensis — Parker, J. C.; and Hilliman, R. B., 1972 a
Virginia

Androlaelaps casalis (Berlese)
Sturnus vulgaris — Vincent, A. L., 1972 a
San Diego County, California

Androlaelaps casalis casalis (Berlese, 1887)
Clethrionomys glareolus
Apodemus sylvaticus — Edler, A.; and Mehl, R., 1972 a
all from Norway

Androlaelaps congoensis Till, 1963
+Spermestes cucullatus — Okereke, T.A., 1970 a
Nigeria

Androlaelaps cricetomys n. sp.
Cricetomys gambianus — Zumpt, F. K. E.; and Elliott, G., 1970 a, 341-343,344, figs. 1-4
northern Nigeria

Androlaelaps cricetomys Zumpt and Elliot (1970) — Okereke, T.A., 1970 a
Nigeria

Androlaelaps equatoriensis Keegan, 1956
as syn. of Androlaelaps arvicanthis Radford — Zumpt, F. K. E.; and Elliott, G., 1970 a

Androlaelaps fahrenholzi (Berlese, 1911)
Rattus rattus — Dusbábek, F., 1970 a
Gupeyal, Cuba

Androlaelaps fahrenholzi
Sorex araneus
Microtus agrestis
Apodemus sylvaticus — Edler, A.; and Mehl, R., 1972 a
all from Norway

Androlaelaps fahrenholzi
Spermophilus (=Citellus) columbianus
S. franklinii
S. richardsonii — Hilton, D. F. J.; and Mahrt, J. L., 1971 b
all from Alberta

Androlaelaps fahrenholzi
Blarina brevicauda
Cryptotis parva
Sorex cinereus — Whitaker, J. O. (jr.); and Mumford, R. E., 1972 a
all from Indiana

Androlaelaps fahrenholzi
Sorex palustris — Whitaker, J. O. (jr.); and Schmeltz, L. L., 1973 a
St. Louis County, Minnesota

Androlaelaps fahrenholzi
Marmota monax — Whitaker, J. O. (jr.); and Schmeltz, L. L., 1973 b
Indiana

Androlaelaps fenilis (Megnin)
Cricetomys gambianus — Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a
-Tema periphery, South Ghana

Androlaelaps galagus (Lavoipierre, 1955)
Cricetomys gambianus — Okereke, T.A., 1970 a
Nigeria

Androlaelaps geomys (Strandtmann, 1949)
Geomys bursarius illinoensis — Tuszynski, R. C.; and Whitaker, J. O. (jr.), 1972 a
Indiana

Androlaelaps glasgowi
Peromyscus maniculatus — Douglas, C. L., 1969 a, 493
Mesa Verde National Park, Colorado

Androlaelaps glasgowi — Parker, J. C.; and Holliman, R. B., 1971 a
Sciurus carolinensis — North Carolina

Androlaelaps hirsti (Keegan, 1956) — Okereke, T.A., 1970 a
Tatera kempii — all from Nigeria
Taterillus nigeriae
Taterillus gracilis
Praomys natalensis

Androlaelaps hirsti (Keegan) — Zumpt, F. K. E.; and Elliott, G., 1970 a, fig. 9
Syn.: Haemolaelaps hirsti Keegan, 1956
morphological variations — all from northern Nigeria
Tatera kempii
Taterillus nigeriae
T. gracilis
Praomys natalensis

Androlaelaps leviculus — Allred, D. M., 1970 d
Dipodomys ordii — all from near Idaho Falls, Idaho
Eutamias minimus
Onychomys leucogaster
Peromyscus maniculatus

Androlaelaps marshalli Berl., 1911 — Okereke, T.A., 1970 a
Tatera kempii — all from Nigeria
Rattus (Myomys) daltoni
Lophuromys sikapusi
Lemniscomys striatus

Androlaelaps micropteropi n. sp. — Zumpt, F. K. E.; and Elliott, G., 1970 a, 341,343,344-345, figs. 5-8
Micropteropus pusillus — Ibadan, Western Nigeria

Androlaelaps micropteropi Zumpt and Elliot (1970) — Okereke, T.A., 1970 a
Nigeria

Androlaelaps murinus (Berl. 1911) — Okereke, T.A., 1970 a
Lophuromys sikapusi — all from Nigeria
Rattus (Myomys) daltoni
Lemniscomys striatus
Uranomys foxi
Dasymys incomtus
Arvicanthis niloticus
Tatera kempii
Heliosciurus gambianus
Crocidura manni

Androlaelaps radfordi Keegan, 1956 — Zumpt, F. K. E.; and Elliott, G., 1970 a
as syn. of Androlaelaps tateronis (Radford)

Androlaelaps sardous — Mahnert, V., 1971 a
Pitymys subterraneus — the Tirol

Androlaelaps tateronis (Radford, 1939) — Okereke, T.A., 1970 a
Tatera kempii — all from Nigeria
Rattus (Myomys) daltoni
Lophuromys sikapusi
Lemniscomys striatus
Rattus rattus frugivorus

Androlaelaps tateronis — Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a
Tatera kempi — East cantonments, South Ghana

Androlaelaps tateronis (Radford) — Zumpt, F. K. E.; and Elliott, G., 1970 a, fig. 10
Syns.: Ischnolaelaps tateronis Radford, 1939; Hypoaspis (Haemolaelaps) tateronis Zumpt & Patterson, 1951; Haemolaelaps tateronis Zumpt & Till, 1953; Androlaelaps radfordi Keegan, 1956
morphological variations — all from northern Nigeria
Tatera kempii
Taterillus nigeriae
Arvicanthis niloticus

Androlaelaps theseus Zumpt, 1950 — Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a
Tatera kempi — East cantonments, South Ghana

Androlaelaps zulu (Berl., 1918) — Okereke, T.A., 1970 a
Cricetomys gambianus — all from Nigeria
Uranomys foxi
Rattus (Myomys) daltoni
Lophuromys sikapusi
Lemniscomys striatus
Dasymys incomtus
Tatera kempii
Rattus (Mastomys) sp.
Rattus rattus
Mus (Leggada) musculoides
Rattus rattus frugivorus
Crocidura manni
Crocidura ocidentalis nigeriae

Androlaelaps zulu (Berlese) — Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a
Arvicanthis niloticus — all from East cantonments, South Ghana
Mastomys natalensis

Androlaelaps zuluensis Zumpt, 1950 — Okereke, T.A., 1970 a
Tatera kempii — all from Nigeria
Rattus rattus

Anocentor — Senevet, G., 1970 a
infra-internal bristles of palps, morphology, location number

Anocentor nitens — Drummond, R. O.; Gladney, W. J.; Whetstone, T. M.; and Ernst, S. E., 1971 b
insecticides, testing and statistical evaluation techniques

Anocentor nitens (Neumann) — Drummond, R. O.; and Whetstone, T. M., 1973 a
acaricides, control

Anocentor nitens (Neumann, 1897) — Franco Rocha, U.; Serra, O.P.; Grock, R.; and Serra, R.G., 1969 a
Bubalus bubalis — estados de Sao Paulo e de Minas Gerais, Brasil

Anocentor nitens (Neumann) — Gladney, W.J.; et al., 1972 a
systemic insecticides, cattle

Anocentor nitens (Neumann) — Kohls, G. M., 1969 c, 131
Syn.: Dermacentor nitens Neumann, 1897
horse — Codrington Village, Barbuda

Anocentor nitens — Ribeiro, S. S., 1962 a
prevalence — Paraná, Brazil
horses (internal face auricle, neck)

Anomalaspis ambiguus Brennan, 1952 — Brennan, J. M., 1971 b, figs.
redescription — Distrito Federal, Venezuela
Heteromys anomalus anomalus

Anomiopsyllus amphibolus
Neotoma cinerea
Allred, D. M., 1968 a
National Reactor Testing Station, Idaho

Anomiopsyllus novomexicanensis
systemic insecticides
Neotoma micropus canescens
Clark, P. H.; et al., 1971 a

Anoplura
infraspecific evolution, review
Eichler, W., 1969 b

Anoplura
description
Herms, W. B., 1944 a

Anoplura
Vapona, dogs, cats
Niemand, H. G., 1973 a

Anoplura
pictorial keys
United States Department of Health, Education, and Welfare. Public Health Service, 1964 a

Antarctophthirus callorhini (Osborn)
Syns.: A. monachus Kellogg and Ferris 1915; Achimella callorhini (Osborn), Eichler 1941
Callorhinus ursinus
Kim, K.-C., 1971 a, 280, figs.
Pribilof Islands, Alaska

Antarctophthirus callorhini (Osborn)
population density and structure, transmission, localization
Callorhinus ursinus
Kim, K. C., 1972 b
St. Paul Island, Pribilof Islands, Alaska

Antarctophthirus callorhini (Osborn)
scanning electron microscopy, antennal structures
Miller, F. H. (jr.), 1971 b, figs.

Antarctophthirus lobodontis
crabeater seals
Gless, E. E.; and Hicks, E. A., 1968 a

Antarctophthirus microchir (Trouessart and Neumann, 1888)
Zalophus californianus
Eumetopias jubatus
(skin of all)
Dailey, M. D.; and Hill, B.L., 1971 a
all from southern and central California coast

Antarctophthirus microchir (Trouessart & Neumann)
Eumetopias jubata
Spencer, G. J., 1966 a
British Columbia

Antarctophthirus monachus Kellogg and Ferris 1915
as syn. of A. callorhini (Osborn)
Kim, K.-C., 1971 a, 280

Antarctophthirus trichechi (Bohemann)
Odobenus rosmarus rosmarus
O. rosmarus divergens
Spencer, G. J., 1966 a
all from British Columbia

Antricola
key to larvae of Argasidae
includes: Antricola (Parantricola) marginatus (Banks); Antricola (Antricola) silvai Cerný; A. (A.) coprophilus (McIntosh); A. (A.) mexicanus Hoffmann
Jones, E. K.; and Clifford, C. M., 1972 a
Western Hemisphere

Antricola mexicanus Hoffman
form, function and interrelationships of fat body, associated tissues
Obenchain, F. D.; and Oliver, J. H. (jr.), 1973 a

Antricola (Antricola) silvai Cerný, 1967
Mormoops megalophylla
Kohls, G. M., 1969 c, 128
Curaçao

Anuretes perplexus Bassett-Smith
redescription
Pillai, N.K., 1971 b, figs.

Aphaniptera
research, review
Berlinguer, G., 1964 a
Italy

Aphaniptera
Ioff, I. G., 1949 a
Kirgiz SSR

Aphrania Jordan et Rothschild
Cacodminae, key
Bernard, M. R., 1970 a

Aponomma elaphensis
host-parasite relationship, Elaphe subocularis
Degenhardt, W. G.; and Degenhardt, P. B., 1965 a

Aponomma exornatum
Naja
Hoffmann, G.; and Lindau, M., 1971 a
Niger

Aponomma latum
Naja
Hoffmann, G.; and Lindau, M., 1971 a
Niger

Aquanirmus podicipis (Denny, 1842)
Colymbus ruficollis capensis
C. caspicus
C. cristatus
Shcherbinina, O. Kh., 1969 a
all from Turkmenia

Aquiligogus nov. gen.
Colpocephalinae
Eichler, W.; and Złotorzycka, J., 1971 a, 29, 30
tod: A. impressum (Rudow, 1866)[n. comb.]

Aquiligogus impressum (Rudow, 1866) [n. comb.] (tod)
Aquila p. pomarina
Eichler, W.; and Złotorzycka, J., 1971 a, 30
Zoo, West Berlin

Archaeopsylla erinacei
Erinaceus europaeus
Peus, F., 1970 a
Germany

Archaeopsylla erinacei erinacei
Erinaceus europaeus
Vulpes vulpes
Berlinguer, G., 1964 a
all from Italy

Archaeopsylla e. erinacei (Bouché, 1835)
Vulpes vulpes
Hinaidy, H. K., 1971 a
Austria

Archaeopsylla erinacei erinacei (Bouché)
Erinaceus europaeus
Roberts, C. J., 1972 a
Lancashire, Great Britain

Archinycteribia actena Speiser, 1901
+Cephalotes (Dobsonia) peronii
Hůrka, K., 1970 b
Ralum

Arctopsylla ursi
Ursus americanus
Jonkel, C. J.; and Cowan, I. M., 1971 a, 31
northwestern Montana

Ardeicola sp. (? ibis (Le Souéf and Bullen, 1902))
Threskiornis molucca molucca
Brelih, S., 1965 a, figs.
Malaya

Ardeicola ababae sp. nov.
Bostrychia carunculata
Hajela, K. P.; and Tandan, B. K., 1970 a, 309, 310, 316, 317, 318, 319, 320-323, 324, figs. 4, 12, 16, 19, 26, 30-32, 35
Ethiopia

Ardeicola ajajae Carriker, 1961
Ajaja ajaja
Hajela, K. P.; and Tandan, B. K., 1970 a, figs.
Florida

Ardeicola burmanus sp. nov.
Pseudibis davisoni
Hajela, K. P.; and Tandan, B. K., 1970 a, 309, 310, 316, 319, 322, 324-325, figs. 6, 20, 28, 36, 37
Burma

Ardeicola clayae sp. n.
Threskiornis aethiopicus aethiopicus
Brelih, S., 1965 a, 51-55, 56, figs. 1-5, 8, 11-12
Ethiopia, Tanganyika, Kenya, Transvaal

Ardeicola cruris n. sp.
Mesembrinibis cayennensis
Carriker, M. A. (jr.), 1960 b, 320-321, figs. 4a-b, 5
Norosi, Dept. Bolivar, Colombia

Ardeicola cruscula n. sp.
Ardea h. herodias
Carriker, M. A. (jr.), 1960 b, 318, 319, fig. 1
La Gloria, Dept. Magdalena, Colombia

Ardeicola elongata n. sp.
Eudocimus albus
Carriker, M. A. (jr.), 1960 b, 321-322, fig. 8
Pozo Azul, Costa Rica

Ardeicola epiphanes (Kellogg & Paine, 1911)
Theristicus branickii
Hajela, K. P.; and Tandan, B. K., 1970 a, figs.
Peru and Ecuador

Ardeicola expallida (Blagovestchensky, 1940)
Ardea alba
Shcherbinina, O. Kh., 1969 a
Turkmenia

Ardeicola florida n. sp.
Florida caerulea
Carriker, M. A. (jr.), 1960 b, 318-319, fig. 2
Gaira, Dept. Magdalena, Colombia

Ardeicola geronticorum Brinck, 1955
Geronticus eremita
Hajela, K. P.; and Tandan, B. K., 1970 a, figs.
Morocco

Ardeicola harrisoni sp. nov.
Platibis flavipes
Hajela, K. P.; and Tandan, B. K., 1970 a, 309, 325-328, figs. 38-42
Australia

Apedonoma sphenodoni [i.e. ?, Aponomma sphenodonti]
Sphenodon punctatus punctatus (skin)
Wojtusiak, R. J., 1973 a
Poland, imported from New Zealand

Ardeicola hoactli n. sp. [p. 319, as A. hoactly n. sp.]
Nycticorax nycticorax hoactli
Carriker, M. A. (jr.), 1960 b, 319, 320-321, fig. 3
Lake Junin, Peru

Ardeicola hoactly [lapsus for A. hoactli n. sp.]
Carriker, M. A. (jr.), 1960 b, 319

Ardeicola indicus sp. n.
Threskiornis melanocephala
Brelih, S., 1965 a, 54, 55-57, figs. 6, 9, 13
India: Deccan

Ardeicola melanopis sp. n.
Theristicus melanopis
Hajela, K. P.; and Tandan, B. K., 1970 a, 309, 310-314, figs. 1, 2, 7, 9, 14, 18, 21, 22
Chile

Ardeicola praegracilis n. sp.
Phimosus infuscatus berlepschi
Carriker, M. A. (jr.), 1960 b, 321, 322, figs. 6a-b, 7
Simití, Dept. Bolivar, Colombia

Ardeicola smithersi Büttiker, 1967
Platalea alba
Hajela, K. P.; and Tandan, B. K., 1970 a, figs.
Botswana

Ardeicola theristicus (Pessôa & Guimarães, 1935)
Theristicus caudatus
Hajela, K. P.; and Tandan, B. K., 1970 a, fig. 11
Paraguay

Ardeiphagus cochlearius Carriker, 1945
Cochlearius cochlearius zeledoni
Carriker, M. A. (jr.), [1965 a]
Veracruz

Argas Latreille, 1796
epidemiological significance, distribution and host affinities, review
Eastwood, E. B., 1971 a
southern Africa

Argas
key to larvae of Argasidae
includes: Argas (A.) brevipes Banks; A. (A.) cooleyi Kohls and Hoogstraal; A. (A.) neghrei Kohls and Hoogstraal; A. (Persicargas) giganteus Kohls and Clifford; A. (P.) sanchezi Dugès; A. (P.) persicus Oken); A. (P.) radiatus Railliet; A. (P.) miniatus Koch
Jones, E. K.; and Clifford, C. M., 1972 a
Western Hemisphere

Argas (Persicargas) arboreus Kaiser, Hoogstraal, and Kohls
glucose concentration in body fluids
Aboul-Nasr, A. E.; and Bassal, T. T. M., 1971 a

Argas (Persicargas) arboreus
postfeeding ionic balance, regulation by coxal organ
Araman, S. F.; and Said, A., 1972 a

Argas (Persicargas) arboreus
female, free amino acids, gas-liquid chromatography
Boctor, F. N., 1972 a

Argas (Persicargas) arboreus Kaiser, Hoogstraal, and Kohls
total free amino acids, gut, hemolymph, coxal fluids
Boctor, F. N.; and Araman, S. F., 1971 a

Argas (Persicargas) arboreus
qualitative and quantitative studies, hemocytes, effect of nutrition, developmental stages, sexes
Dolp, R. M., 1970 a

Argas (Persicargas) arboreus
lipoproteins, glycoproteins, nymphs, adults, engorged, premolt
Dolp, R. M.; and Hamdy, B.H., 1971 a

Argas (Persicargas) arboreus
isolation, psittacosis-lymphogranuloma agent
+Phalacrocorax carbo (nest)
+Sphenorynchus abdimii "
Eddie, B.; Foster, W. A.; Radovsky, F. J.; and Stiller, D., 1970 a
all from Ethiopia

Argas (Persicargas) arboreus Kaiser, Hoogstraal & Kohls
morphology, capitulum, salivary glands, digestive system, Malpighian tubules
Guirgis, S. S., 1971 a, figs.

Argas (Persicargas) arboreus
ecology, seasonal dynamics, life cycle
Guirgis, S. S., 1971 b
Egypt

Argas (Persicargas) arboreus Kaiser, Hoogstraal & Kohls
Hafez, M.; Abdel-Malek, A. A.; and Guirgis, S. S., 1971 a
egg development, larval and nymphal feeding, molting and survival, different temperatures and humidities (all exper.)
pigeons
chicken
Bubulcus i. ibis
Streptopelia senegalensis aegyptiaca
Falco tinnunculus rupicolaeformis
Corvus corone sardonius

Argas (Persicargas) arboreus Kaiser, Hoogstraal & Kohls
Hafez, M.; Abdel-Malek, A. A.; and Guirgis, S. S., 1972 a
feeding, oviposition, adult stage, different temperatures and humidities, 6 host bird species

Argas (Persicargas) arboreus
Hajjar, N. P., 1971 a
nymphal development, sampling fluids for biochemical analyses on the basis of standard "physiological states" to overcome natural chronological variation

Argas (Persicargas) arboreus
Hajjar, N. P., 1972 b
nymphs, weight variation, sex, premolting period

Argas (Persicargas) arboreus Kaiser, Hoogstraal and Kohls
Hamdy, B. H., 1972 a
biochemistry, excretory products

Argas (Persicargas) arboreus
Hefnawy, T., 1972 a
hemolymph volume during female gonotrophic cycle

Argas (Persicargas) arboreus Kaiser, Hoogstraal, and Kohls
Hefnawy, T., 1972 b
changes in osmotic pressure of hemolymph, gut and coxal fluids, gonotrophic cycle

Argas (Persicargas) arboreus
Khalil, G. M., 1969 a, figs.
gonad development and gametogenesis

Argas (Persicargas) arboreus
Khalil, G. M., 1971 a, figs.
^{3}H-tyrosine incorporation by nymphal tick digestive system, ingested with blood meal

Argas (Persicargas) arboreus
Khalil, G. M., 1971 b, figs.
^{3}H-tyrosine incorporation by nymphal Argas arboreus excretory system, after bloodmeal

Argas (Persicargas) arboreus
Khalil, G.M., 1972 a, figs.
biochemistry, tritiated tyrosine, salivary glands, nymph

Argas (Persicargas) arboreus
Maroun, N. A., 1972 a
biochemistry, physiology, lipids, eggs, larvae, nymphs, and adults

Argas (Persicargas) arboreus Kaiser, Hoogstraal, and Kohls
Roshdy, M.A. A.; Foelix, R. F.; and Axtell, R.C., 1972 a, figs.
scanning and transmission electron microscopy, Haller's organ setae and associated tarsal setae, comparison with Amblyomma americanum

Argas (Persicargas) beklemischevi Posp-Shtr., Vass. et Ssem., 1963
Chunikhin, S. P.; and Filippova, N. A., 1970 a
Neophron percnopterus
Dzhilantau ridge, Tadzhikistan

Argas cooleyi Kohls and Hoogstraal
Cook, B., 1972 a
northwestern Texas
blood meal sources, bat and swallow hosts

Argas cooleyi
Yunker, C. E.; et al., 1972 a
vector, arboviruses

Argas (Chiropterargas) cordiformis Hoogstraal and Kohls, 1967
Eastwood, E. B., 1972 b, figs.
northern Transvaal, South Africa; Rhodesia
adult, morphology, distribution, ecology
found in bat caves

Argas (s. str.) hermanni Aud., 1827
Columba livia
Chunikhin, S. P.; and Filippova, N. A., 1970 a, figs.
Darvaz ridge, Tadzhikistan

Argas (A.) hermanni (Audouin)
isolation of a new group B virus
Williams, R. E.; Casals, J.; Moussa, M. I.; and Hoogstraal, H., 1972 a
Kabul Province, Afghanistan

Argas (Argas) himalayensis n. sp.
Lerwa lerwa
Hoogstraal, H.; and Kaiser, M. N., 1973 a, 1-3, figs. 1-8
Nepal

Argas japonicus
chloride balance in feeding
Kitaoka, S., 1971 a

Argas japonicus
Uchikawa, K., 1970 a
Nagano Prefecture

Argas neghmei Kohls and Hoogstraal, 1961
collection data, statistics
Reyes, H., 1971 a
northern Chile

Argas (Persicargas) nullarborensis n. sp.
Hoogstraal, H.; and Kaiser, M. N., 1973 b, 1296-1298, figs. 1-8
Nullarbor Plain, Western Australia

Argas (Persicargas) persicus (Oken)
glucose concentration in body fluids
Aboul-Nasr, A. E.; and Bassal, T. T. M., 1971 a

Argas persicus
chlorophos, sevin, dithiophos, methylnitrophos
Akhmetbekova, R.T.; and Iakunin, M. P., 1971 a

Argas persicus
transmission of ornithosis to chickens
Akhundova, E. D.; and Terskikh, I. I., 1972 a

Argas (Persicargas) persicus
paralysis, fowls, no haemotological changes
Alt, H., 1971 a

Argas (Persicargas) persicus
postfeeding ionic balance, regulation by coxal organ
Araman, S. F.; and Said, A., 1972 a

Argas persicus
tuberculosis mycobacteria, transmission
Blagodarnyĭ, Ia. A.; et al., 1971 a

Argas persicus
vector, avian tuberculosis
Blagodarnyĭ, Ia. A.; and Blekhman, I. M., 1970 a

Argas (Persicargas) persicus (Oken)
total free amino acids, gut, hemolymph, coxal fluids
Boctor, F. N.; and Araman, S. F., 1971 a

Argas persicus (Oken, 1818)
Alectoris chuker
Ammoperdix griseogularis
Anas platyrhynchos dom.
Buteo buteo
Columba rupestris turkestanicus
Graculus graculus
Gallus gallus dom.
Borgarenko, L. F.; and Mukhammadkulov, M., 1971 a
all from Tadzhikistan

Argas (Persicargas) persicus
Dolp, R. M., 1970 a
qualitative and quantitative studies, hemocytes, effect of nutrition, developmental stages, sexes

Argas (Persicargas) persicus
lipoproteins, glycoproteins, nymphs, adults, engorged, premolt
Dolp, R.M.; and Hamdy, B. H., 1971 a

Argas (Persicargas) persicus
first record
Eastwood, E. B., 1972 a
southern Africa

Argas persicus
adult female, feeding, mating, neurosecretory actitivy
Eisen, Y.; et al., 1973 a, figs.

Argas persicus
vectors, human and animal borreliosis
Felsenfeld, O., 1971 a

Argas persicus
biological control, predatory mites
Frolov, B. A., 1971 a

Argas persicus
irradiation, control, mating behavior, oogenesis
Galun, R.; and Warburg, M., 1970 a

Argas persicus
vector, Salmonella, poultry
Glukhov, V. F., 1972 a

Argas (Persicargas) persicus
host-parasite relationships with Aegyptianella pullorum, review
Gothe, R., 1971 a

Argas (Persicargas) persicus
peripheral nerves, paralyzed fowl, no lesions
Gothe, R.; et al., 1971 a

Argas (Persicargas) persicus
changes in free fatty acids, glucose, pseudocholinesterases, fowl serum
Gothe, R.; and Kraft, W., 1972 a

Argas (Persicargas) persicus
paralysis, fowl, nerve fiber conduction
Gothe, R.; and Kunze, K., 1971 a

Argas (Persicargas) persicus
paralysis, fowl, pathology, cause of death
Gothe, R.; Kunze, K.; and Mechow, O., 1971 a

Argas (Persicargas) persicus
respiratory acidosis, fowls
Gothe, R.; and Reithmüller, H., 1972 a

Argas (Persicargas) persicus
nymphal development, sampling fluids for biochemical analyses on the basis of standard "physiological states" to overcome natural chronological variation
Hajjar, N. P., 1971 a

Argas (Persicargas) persicus
nymphs, weight variation, sex, premolting period
Hajjar, N. P., 1972 b

Argas (Persicargas) persicus (Oken)
biochemistry, excretory products
Hamdy, B. H., 1972 a

Argas (Persicargas) persicus
hemolymph volume during female gonotrophic cycle
Hefnawy, T., 1972 a

Argas (Persicargas) persicus (Oken)
changes in osmotic pressure of hemolymph, gut and coxal fluids, gonotrophic cycle
Hefnawy, T., 1972 b

Argas persicus
Huhn
Hoffmann, G.; and Lindau, M., 1971 a
Niger

Argas persicus
possible vectors, tuberculosis, rabbits, chickens, guinea pigs
Kagramanov, A. I.; et al, 1967 a

Argas persicus
homogenates, electrophoresis, taxonomy
Krasnobaeva, Z. N.; Stepanchenok-Rudnik, G. I.; and Grokhovskaia, I. M., 1971 a

Argas persicus
assembly pheromones, male and female
Leahy, M. G.; VandeHey, R.; and Galun, R., 1973 a, fig.

Argas (Persicargas) persicus
biochemistry, physiology, lipids, eggs, larvae, nymphs, and adults
Maroun, N. A., 1972 a

Argas persicus
Oenanthe isabellina
Sitta tephranota
Petronia petronia
Mukhammadkulov, M., 1970 a
all from Tadzhikistan

Argas persicus
fowl tick, review
Murphy, W.J.B.; and Hungerford, T. G., 1936 a

Argas persicus
vector of Newcastle disease, poultry
Petrov, D., 1972 a

Argas persicus
acaricides
Poliakov, D.K.; and Tkachenko, A. A., 1972 a

Argas persicus
vector of Listeria monocytagenes
poultry
Pustovaia, L. F., 1970 a
Kanibadam

Argas persicus
avian Listeria transmission
Pustovaia, L. F., 1971 a

Argas persicus
control
Ranby, P. D., 1961 b, pl.

Argas persicus
vector, Aegyptianella pullorum, control
Reshetniak, V. Z.; et al., 1971 a

Argas (Persicargas) persicus
histology and histochemistry, alveoli, salivary glands
Roshdy, M. A. A., 1972 a, figs.

Argas persicus
histological studies, neural structures
Satija, R. C.; Sharma, S. P.; and Khanna, S., 1971 a, figs.

Argas persicus Oken, 1818 [Gallus gallus]
Shcherbinina, O. Kh.; and Kurbanova, D. B., 1969 a
Ashkhabad

Argas persicus
vector, Kyasanur Forest disease virus
Singh, K. R. P.; Goverdhan, M. K.; and Bhat, U. K. M., 1971 a

Argas persicus
morphology, respiratory apparatus, scanning electron microscopy
Woolley, T. A., 1972 a, fig.

Argas radiatus Cooley and Kohls
form, function and interrelationships of fat body, associated tissues
Obenchain, F. D.; and Oliver, J. H. (jr.), 1973 a, figs.

Argas radiatus
compounds of cadmium and antimony
Rogers, C. E.; and Howell, D. E., 1971 a, figs.

Argas radiatus
feeding technique, in vitro
Rogers, C. E.; and Howell, D. E., 1971 b

Argas reflexus Latr. 1796
Columba domestica
Sixl, W.; Dostal, V.; Schmeller, E.; and Riedl, H., 1969 a
Steiermark

Argas reflexus reflexus
capillary-tube technique, artificial feeding
Rau, U.R.; and Hannoun, C., 1968 a, figs.

Argas (Carios) vespertilionis (Latr., 1802)
vector, Issyk-Kul virus
L'vov, D. K.; et al., 1973 a

Argas (Carios) vespertilionis Latreille, 1802
Pipistrellus pipistrellus
Sixl, W.; Daniel, M.; and Černý, V., 1972 a
Österreich

Argas (Persicargas) walkerae n. sp.
domestic fowl and fowl houses
Kaiser, M.N.; and Hoogstraal, H., 1969 a, 885-890, figs. 1-21
South-West Africa: Okosongoro Farm, Omaruru
Republic of South Africa: Fort Beaufort and Queenstown, Cape Province; Onderstepoort, Pretoria North, and Christiana, Transvaal
Lesotho: Maseru

Argasidae
vectors, virus, bats as reservoir hosts
Brès, P.; and Cornet, M., 1966 a
Senegal

Argasidae
key to larvae, Western Hemisphere, revised
Jones, E.K.; and Clifford, C.M., 1972 a
includes: Argas (A.) brevipes Banks; A. (A.) cooleyi Kohls and Hoogstraal; A. (A.) neghmei Kohls and Hoogstraal; A. (Persicargas) giganteus Kohls and Clifford; A. (P.) sanchezi Dugès; A. (P.) persicus (Oken); A. (P.) radiatus Railliet; A. (P.) miniatus Koch; Antricola (Parantricola) marginatus (Banks); Antricola (Antricola) silvai Černý; A. (A.) coprophilus (McIntosh); A. (A.) mexicanus Hoffmann; Ornithodoros megnini (Dugès); O. lagophilus Cooley and Kohls; O. (Ornamentum) coriaceus Koch; O. (Subparmatus) marinkellei Kohls, Clifford, and Jones; O. (S.) mormoops Kohls, Clifford, and Jones; O. (S.) viguerasi Cooley and Kohls; O. (Pavlovskyella) nicollei Mooser; O. (P.) rostratus Aragão; O. (P.) hermsi Wheeler, Herms, and Meyer; O. (P.) parkeri Cooley; O. (P.) turicata (Dugès); O. (Alectorobius) azteci Matheson; O. (A.) setosus Kohls, Clifford and Jones; O. (A.) knoxjonesi n. sp.; O. (A.) peropteryx Kohls, Clifford, and Jones; O. (A.) yumatensis Cooley and Kohls O. (A.) dyeri Cooley and Kohls; O. (A.) brodyi Matheson; O. (A.) rossi Kohls, Sonenshine and Clifford; O. (A.) capensis Neumann; O. (A.) stageri Cooley and Kohls; O. (A.) tuttlei n. sp.; O. (A.) eptesicus Kohls, Clifford and Jones; O. (A.) mimon Kohls, Clifford and Jones; O. (A.) echinys Kohls, Clifford, and Jones; O. (A.) puertoricensis Fox; O. (A.) denmarki Kohls, Sonenshine and Clifford; O. (A.) peruvianus Kohls, Clifford and Jones; O. (A.) kelleyi Cooley and Kohls; O. (A.) marmosae n.sp. O. (A.) casebeeri n. sp.; O. (A.) chironectes n. sp.; O. (A.) talaje (Guérin-Méneville); O. (A.) tiptoni n. sp O. (A.) dusbabeki Černý; O. (A.) basei (Schulze); O. (A.) clarki n. sp.; O. (A.) boliviensis Kohls and Clifford; O. (A.) concanensis Cooley and Kohls; O. elongatus Kohls, Sonenshine and Clifford; O. rudis Karsch; O. sparnus Kohls and Clifford; O. natalinus Černý and Dusbábek

Argulus
fish disease
Babaev, B., 1969 a
Karakum canal

Argulus
Bromex-50, carp
Lahav, M.; Sarig, S.; and Shilo, M., 1966 a

Argulus
potassium permanganate, jumping carp
Schöne, J., 1966 a

Argulus n. sp. Kolipinski, 1969
as syn. of Argulus meehani n. sp.
Cressey, R. F., 1971 a, 253

Argulus sp. Miller
Dorosoma cepedianum
Jester, D. B.; and Jensen, B. L., 1972 a, 46
Elephant Butte Lake, New Mexico

Argulus sp.
Ctenopharyngodon idella
Hypophthalmichthys molitrix
Musselius, V. A., 1969 a
all from European USSR

Argulus africanus Thiele
Tilapia macrochir
Clarias sp. (mouth)
Heterobranchus sp.
Hydrocyon lineatus
Chrysichthys brachynema
Polypterus sp.
Fryer, G., 1965 c, fig.
Lake Mweru
Lake Edward
Lake Tanganyika
" "
" "
" "

Argulus americanus Wilson
Lepisosteus osseus (head)
Pearse, A. S., [1953 c]
Alligator Harbor, Florida

Argulus chesapeakensis new species
Syn.: Argulus laticauda Dutcher & Schwartz, 1962
Opsanus tau
Cressey, R. F., 1971 a, 255-257, figs. 8-14
Solomons, Maryland

Argulus coregoni
Gobio gobio
Cyprinus carpio
Coregonus lavaretus maraenoides
Tomnatik, E.N.; and Esinenko-Marits, N. M., 1968 a
all from Moldavian reservoirs

Argulus diversus (Wilson)
Ictalurus melas (dorsum and lateral surfaces)
Knuckes, J. L., 1972 a
Sand Hole, Lumberton, North Carolina

Argulus foliaceus
epizootiology, carbophos, fish
Afanas'ev, V. I., 1971 a

Argulus foliaceus
morphology
Cyprinus carpio
Tinca tinca
Gattaponi, P., [1972 a]
all from Lake Trasimeno basin

Argulus foliaceus (Linné, 1758)
Esox lucius
Rutilus rutilus
Leuciscus idus oxianus
Scardinius erythrophthalmus
Aspius aspius
Varicorhinus capoëta heratensis n. steindachneri
Barbus capito conocephalus
Barbus brachycephalus
Chalcalburnus chalcoides
Abramis brama
A. sapa
Pelecus cultratus
Carassius auratus gibelio
Cyprinus carpio
Silurus glanis
Lucioperca lucioperca
Perca fluviatilis
Osmanov, S. O., 1971 a, 242, fig.
all from Uzbekistan

Argulus foliaceus
(body surface, gills of all)
[Esox lucius]
[Perca fluviatilis]
Rauckis, E., 1970 a
all from Lake Dusia, Lithuania

Argulus foliaceus
Sukhenko, G. E.; and Polishchuk, V. V., 1969 a
Katlabukh estuary

Argulus foliaceus
Carassius
Cyprinus carpio
Tomnatik, E.N.; and Esinenko-Marits, N. M., 1968 a
all from Moldavian reservoirs

Argulus foliaceus
Perca fluviatilis
Wierzbicka,J.; and Wierzbicki, K., 1971 a
Legińskie Lake

Argulus foliaceus (L.)
spermatology, structure, development, compared with Raillietiella hemidactyli
Wingstrand, K. G., 1972 a, figs.

Argulus foliaceus Linnaeus, 1758
Salmo trutta (gills, body surface, fins)
Salmo gairdneri (gills, body surface, fins)
Perca fluviatilis (gills, buccal cavity)
Rutilus rutilus (body surface, fins)
Pungitius pungitius (body surface)
Wootten, R., 1973 a
all from Hanningfield Reservoir, Essex

Argulus japonicus Thiele, 1900
Cyprinus carpio
Carassius auratus gibelio
Varicorhinus capoëta
Barbus capito conocephalus
Barbus brachycephalus
Osmanov, S. O., 1971 a, 243
all from Uzbekistan

Argulus japonicus
Sukhenko, G. E.; and Polishchuk, V. V., 1969 a
Katlabukh estuary

Argulus japonicus
fish, antiparasitic baths, soft water more efficacious than hard water
Vondrka, K., 1972 a

Argulus laticauda Dutcher and Schwartz, 1962
as syn. of Argulus chesapeakensis new species
Cressey, R. F., 1971 a, 255

Argulus laticauda Smith
Dasyatis sabina (skin, mouth)
Pearse, A. S., [1953 c]
Alligator Harbor, Florida

Argulus meehani n. species
Syn.: Argulus n. sp. Kolipinski, 1969
Lepisosteus platyrhinchus
Cressey, R. F., 1971 a, 253-255, figs. 1-7
Royal Palm Pond, Everglades National Park, Florida

Argulus megalops Smith
Opsanus tau (gills)
Pearse, A. S., [1953 c]
Alligator Harbor, Florida

Argulus melanostictus Wilson, 1935
description, male, female
Leuresthes tenuis
Olson, A. C. (jr.), 1972 a, figs.
between Del Mar and Estero Beach

Argulus personatus Cunnington
Bathybates fasciatus
Fryer, G., 1965 c
Lake Tanganyika

Argulus rhipidiophorus Monod
Tilapia nilotica regani
Fryer, G., 1965 c
Lake Kivu

Argulus rubropunctatus Cunnington
Lates microlepis
L. angustifrons
Fryer, G., 1965 c, fig.
Lake Tanganyika, all from

Argulus schoutedeni Monod
Citharinus gibbosus
Fryer, G., 1965 c
Lake Tanganyika

Argulus striatus Cunnington
Auchenoglanis occidentalis
Tilapia tanganicae
Heterobranchus sp.
Dinotopterus cunningtoni
Fryer, G., 1965 c, fig.
all from Lake Tanganyika

Argulus varians Bere
Ogcocephalus nasutus (skin)
Chilomycterus schoepfi
Pearse, A. S., [1953 c]
Alligator Harbor, Florida, all from

Armillifer armillatus
human, radiographic diagnosis
Chartres, J. C., 1965 a, fig.

Armillifer armillatus (Wyman 1847) Sambon 1922
Bitis gabonica
Crossarchus obscurus
Crocidura
Lophuromys sikapusi
Malacomys edwardsi
Menschen (Auge)
von Haffner, K., 1973 a
all from Liberia

Armillifer brumpti Giglioli 1922
Sanzania madagascariensis (lung, air sac)
Slocombe, J. O. D.; and Budd, J., 1973 a, figs.
Ontario (imported from Madagascar by San Francisco dealer)

Armillifer grandis (Hett 1915) Sambon 1922
Bitis nasicornis
Crocidura flavescens
von Haffner, K., 1973 a
all from Liberia

Artacolax p. p. Wilson, 1908
as syn. of Holobomolochus nov. gen.
Vervoort, W., 1969 a, 35

Artacolax ardeolae, C. B. Wilson, 1911
as syn. of Holobomolochus ardeolae (Krøyer, 1864) [n. comb.]
Vervoort, W., 1969 a, 41

Artacolax (Bomolochus) ardeolae, C. B. Wilson, 1908
as syn. of Holobomolochus ardeolae (Krøyer, 1864) [n. comb.]
Vervoort, W., 1969 a, 41

Arthropoda
osmoregulation, blood-sucking arthropods, review
Berridge, M. J., 1970 a

Arthropoda
nutrition, review
Dadd, R. H., 1970 a

Arthropoda
morphology, classification, evolution, review
Manton, S. M., 1970 a

Arthropoda
arthropod-borne diseases, review
Tipton, V. J.; and Saunders, R. C., 1971 a
Utah

Artotrogidae nov. fam.
includes: Cyclopicera, Brady (1872); Acontiophorus, Brady, nov. gen.; Artotrogus Boeck (1859); Dyspontius, Thorell, 1859
Brady, G.S., 1880 a, 52

Artotrogus abyssicolus Th. Scott
as syn. of Pontoeciella abyssicola Th. Scott [n. comb.]
Giesbrecht, W., 1895 b, 186

Artotrogus boecki Brady [nom. nov.]
Syn.: Ascomyzon lilljeborgii, Thorell, 1859
Brady, G. S., 1880 a, 60-61, pl. XCI, figs. 1-9

? Artotrogus boeckii, Brady non A.boeckii, G. M. Thomson
as syn. of Ascomyzon lilljeborgii Thorell
Giesbrecht, W., 1895 b, 179

Artotrogus lilljeborgii, Boeck 1859
Syn.: Asterocheres lilljeborgii, Boeck 1859
Brady, G. S., 1880 a, 64-65

Artotrogus lilljeborgii, Brady
as syn. of Asterocheres lilljeborgii Boeck
Giesbrecht, W., 1895 b, 176

Artotrogus magniceps, n. sp.
Syn.: A. orbicularis Brady and Robertson 1875 (nec Boeck)
Brady, G. S., 1880 a, 61-63, pl. XCIII, figs. 1-9
Portincross, Ayrshire; Red Cliff, Yorkshire, British Isles

Artotrogus magniceps Brady
as syn. of Bradypontius magniceps Brady [n. comb.]
Giesbrecht, W., 1895 b, 182

Artotrogus normani (Brady and Robertson) 1875
Syn.: Dyspontius normani Brady and Robertson
Brady, G. S., 1880 a, 63-64, pl. XCI, figs. 12-15; pl. XCII, fig. 14; pl. XCIII, fig. 10
Durham coast, Hawthorn, British Isles

Artotrogus normani, Brady
as syn. of Bradypontius normani Brady and Robertson [n. comb.]
Giesbrecht, W., 1895 b, 183

Artotrogus orbicularis Brady and Robertson 1875 (nec Boeck)
as syn. of A. magniceps nov. sp.
Brady, G. S., 1880 a, 61

Artotrogus orbicularis, Brady and Robertson
as syn. of Bradypontius magniceps Brady [n. comb.]
Giesbrecht, W., 1895 b, 182

Artotrogus orbicularis, Boeck nec Brady & Robertson
description
Giesbrecht, W., 1895 b, 181

Artystone trysibia
histopathology
Symphysodon discus
Corydoras aeneus (exper.)
Huizinga, H. W., 1972 a
imported from South America

Ascaidae [sp.]
Arvicola terrestris
Clethrionomys
[Apodemus agrarius]
Sorex
[Mustela sibiricus]
Igolkin, N. I., 1960 a
all from Ob River shore

Ascaidae [spp.]
Arvicanthis niloticus
Mastomys natalensis
Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a
all from East cantonments, South Ghana

Ascetomylla new genus
Syringophilidae, key
Kethley, J. B., 1970 a, 1, 2, 16, 24
tod: A. gallinula new sp.

Ascetomylla gallinula new genus, new sp. (tod)
Gallinula chloropus
Kethley, J. B., 1970 a, 1, 25, figs. 12-13
Johannesburg, Transvaal, Union of South Africa

Ascomyzon Thorell 1859
Ascomyzontidae; Ascomyzontinae n. subfam.
Giesbrecht, W., 1895 b, 178

Ascomyzon comatulae Roscoll
as syn. of Clausomyzon gracilicauda Brady [n. comb.]
Giesbrecht, W., 1895 b, 177

Ascomyzon echinicola Norman
as syn. of Cyclopicera lata Brady
Brady, G. S., 1880 a, 56

Ascomyzon echinicola, Norman
as syn. of Cyclopicera echinicola Norman
Giesbrecht, W., 1895 b, 175

Ascomyzon lilljeborgii Thorell
Syns.: ? Artotrogus boeckii, Brady non A. boeckii, G. M. Thomson
Giesbrecht, W., 1895 b, 178-179
Bohuslän; British seas ?

Ascomyzon ornatum, Brady and Robertson 1875
as syn. of Acontiophorus armatus n. sp.
Brady, G. S., 1880 a, 71

Ascomyzon ornatum Brady and Robertson
as syn. of Acontiophorus ornatus Brady and Robertson
Giesbrecht, W., 1895 b, 179

Ascomyzontidae Thorell, 1859
diagnosis
Giesbrecht, W., 1895 b

Ascomyzontinae subfam. n.
Ascomyzontidae
includes: Cyclopicera; Asterocheres; Dermatomyzon; Clausomyzon; Rhynchomyzon; Ascomyzon; Acontiophorus
Giesbrecht, W., 1895 b, 174

Ascoschoengastia dyscrita Brennan and Jones, 1961
"apparently congeneric" with Pseudoschoengastia oopsi Brennan, 1968
Brennan, J. M., 1971 b

Ascoschoengastia kohlsi
as syn. of Helenicula kohlsi (Philip and Woodward, 1946)
Nadchatram, M.; and Traub, R., 1971 a

Ascoschöngastia latyshevi
description, developmental stages
Sixl, W., 1970 a, figs.

Ascoschöngastia latyshevi
eggs, spermatophores, mode of insemination
Sixl, W., 1971 a

Ascoschöngastia (Ascoschöngastia) latyshevi (Schluger, 1955)
Certhia familiaris
Dendrocopos major
Dendrocopos medius
Parus major
Parus montanus
Picus canus
Picus viridis
Sitta europaea
Sturnus vulgaris
Nyctalus noctula
Sixl, W.; and Daniel, M., 1971 a
all from Osterreich

Ascoschöngastia latyshevi
salivary glands, anatomy, histology
Voigt, B., 1971 a

Asiochirus g. n.
Listrophoridae
Fain, A., 1970 c, 275
tod: Listrophorus suncus Radford, 1947

Asiochirus platacanthomys sp. n.
Platacanthomys lasiurus
Fain, A., 1970 c, 276
Virajpet, Inde

Asiochirus sinensis sp. n.
Myospalax psilurus
Fain, A., 1970 c, 276
Tiensin, Chine

Askinasia new genus
Ewingidae, key
key to species
Yunker, C. E., 1970 b, 239, 243, 253
tod: A. aethiopicus n. sp.

Askinasia n. sp. "C"
key
Coenobita clypeatus
Yunker, C. E., 1970 b, 251-252, 253, figs. 14-15
St. Eustatius I. (Windward group)

Askinasia aethiopicus new species (tod)
key
Coenobita rugosus
Yunker, C. E., 1970 b, 243-247, 253, figs. 7-10
Kenya, Kiwale, Tiwi, Twiga Beach

Askinasia sinusarabicus new species
key
Coenobita jousseaumi
Yunker, C. E., 1970 b, 247-251, figs. 11-13
U.A.R., Egypt, Red Sea Governorate, Hurghada

Asterocheres lilljeborgii, Boeck 1859
as syn. of Artotrogus lilljeborgii, Boeck 1859
Brady, G. S., 1880 a, 64

Asterocheres lilljeborgii, Boeck
Syn.: Artotrogus lilljeborgii, Brady
Giesbrecht, W., 1895 b, 176
Norway; Ireland; English Channel ?

Asterocheres lilljeborgi (Boeck, 1859)
ecology
Henricia sanguinolenta
Röttger, R.; Astheimer, H.; Spindler, M.; and Steinborn, J., 1972 a, figs.
Gullmarfjord, Sweden

Asterocheres renaudi, Canu
description
Giesbrecht, W., 1895 b
English Channel

Asterocomes indica Padmanabha Rao, 1962
Halityle regularis
Humes, A. G., 1971 a
Madagascar

Astroxynus gen. n.
Stellicomitidae
Humes, A. G., 1971 a, 1330, 1337
tod: A. culcitae sp. n.

Astroxynus culcitae gen. n., sp. n. (tod)
Culcita novaeguineae
Humes, A. G., 1971 a, 1330, 1337, 1339-1343, figs. 38-57
lagoon between Sand I. and Parry I., Eniwetok Atoll, Marshall Islands

Astroxynus pambanensis (Padmanabha Rao, 1964) gen. n., comb. n.
Humes, A. G., 1971 a, 1343

Atyphloceras bishopi Jordan
Microtus pennsylvanicus
Synaptomys cooperi
Clethrionomys gapperi
Blarina brevicauda
+Mustela sp. (nest)
Holland, G.P.; and Benton, A. H., 1968 a
all from Pennsylvania

Atyphloceras multidentatus alvarezi subsp. nov.
Peromyscus megalops auritus
P. banderanus vicinior
Barrera, A., 1963 a, 97-100, figs. 1-4
Agua Fría, 32 km S.O. de Yextla, Guerrero, México
Camotla, Municipio de Chichihualco, Guerrero, México

Atyphloceras m. multidentatus (C. Fox)
Barrera, A., 1963 a, figs.

Atyphloceras nuperum palinum (Jordan, 1931)
Clethrionomys glareolus
Beaucournu, J.-C.; and Gilot, B., 1971 a
France

Atyphloceras nuperum palinum
infectivity, altitude, seasonal distribution
Microtus agrestis
Mahnert, V., 1972 a
Tirol, Austria

Atyphloceras tancitari Traub
Barrera, A., 1963 a, figs.

Aulobia new genus
Syringophilidae, key
Kethley, J. B., 1970 a, 1, 2, 17, 41
tod: A. dendroicus (Clark) new comb.

Aulobia dendroicus (Clark) new gen., new comb. (tod)
Syn.: Syringophilus dendroicae Clark, 1964
Dendroica coronata
Kethley, J. B., 1970 a, figs.
Florida; Georgia

Aulonastus new genus
Syringophilidae, key
Kethley, J. B., 1970 a, 1, 2, 16, 47
tod: A. pipili new sp.

Aulonastus pipili new gen., new sp. (tod)
Pipilo erythrophthalmus
Kethley, J. B., 1970 a, 1, 47, 48, fig. 27
Lake Placid, Highlands County, Florida

Austrogoniodes metoecus n. sp.
key
Biziura lobata
Clay, T., 1971 a, 293-298, pl. IA-C, figs. 1-5, pl. IIA-C
15 miles s. Perth, Western Australia

Austromenopon Bedford
review, key to species
Price, R. D.; and Clay, T., 1972 a, 488, 501, 503

Austromenopon affine (Piaget)
key
Diomedea exulans
D. cauta
D. epomophora
Price, R. D.; and Clay, T., 1972 a, 488, 501, 503, figs.
New Zealand; south Georgia
Natal
Campbell Is.; Aukland Is.; Chile

Austromenopon brevifimbriatum (Piaget)
key
Syns.: Austromenopon oschei Timmermann, 1963; Procellariphaga daptionis Eichler, 1949
Fulmarus glacialis
Priocella antarctica
Daption capensis
Pagodroma nivea
Thalassoica antarctica
Price, R. D.; and Clay, T., 1972 a, 494, 503, figs.
Orkney; West Greenland; Scotland
Antarctic; Western Australia
Chile
Antarctic
Falkland Is.; Antarctic

Austromenopon bulleri n. sp.
key
Diomedea bulleri
Price, R. D.; and Clay, T., 1972 a, 487, 491, 503, fig.16
Snares Is.; New Zealand

Austromenopon bulweriae Timmermann
key
+Bulweria bulwerii
Price, R. D.; and Clay, T., 1972 a, 493, 503, figs.
Marquesas Is.

Austromenopon echinatum Edwards
key
Puffinus diomedea
Price, R. D.; and Clay, T., 1972 a, 497, 499, 501, 503, figs.
Canary Is.; Trinidad; British Guiana

Austromenopon edwardsi n. sp.	Price, R. D.; and Clay, T., 1972 a, 487, 499-500, 501, 503, fig. 56
key	
Puffinus lherminieri	Black Bay, North Carolina; Little Tobago Is., West Indies; Maharoa, Tuamolu Arch.
P. heinrothi	New Britain
P. nativitatis	Phoenix Is.
Pterodroma mollis	Kerguelen
Austromenopon elliotti Timmermann	Price, R. D.; and Clay, T., 1972 a, 496, 497, 503, figs.
key	
Pelecanoides urinatrix	New Zealand; Gough Is.; Big Cape South Is.
P. exsul	E. Island; Campbell Is.
Pterodroma inexpectata	New Zealand
Austromenopon enigki Timmermann	Price, R. D.; and Clay, T., 1972 a, 493, 494, 501, 503, fig.
key	
Pelagodroma marina	Broughton Is.
Austromenopon fraterculae Timmermann, 1954	Price, R. D.; and Clay, T., 1972 a, 494
as syn. of Austromenopon paululum (Kellogg & Chapman)	
Austromenopon hatutuense Timmermann	Price, R. D.; and Clay, T., 1972 a, 493, 503, fig.
key	Marquesas Is.
+Pterodroma alba	
Austromenopon longithoracicum (Piaget)	Price, R. D.; and Clay, T., 1972 a, 497, 501, 503, figs.
key	Japan; Philippine Is.
Puffinus leucomelas	
Austromenopon narboroughi (Kellogg & Kuwana)	Price, R. D.; and Clay, T., 1972 a, 499, 501, 503, figs.
key	Galapagos; Panama
Puffinus lherminieri subalaris	
Austromenopon navigans (Kellogg)	Price, R. D.; and Clay, T., 1972 a, 490, 491, 503
key	
Diomedea melanophris	Brazil; Falkland Is.
D. cauta	South Africa
Austromenopon oceanodromae n. sp.	Price, R. D.; and Clay, T., 1972 a, 487, 501, figs. 49,50
key	
Oceanodroma hornbyi	Peru
O. macrodactyla	Guadeloupe Is.
O. tethys	Peru
Austromenopon oschei Timmermann, 1963	Price, R. D.; and Clay, T., 1972 a, 494
as syn. of Austromenopon brevifimbriatum (Piaget)	
Austromenopon ossifragae (Eichler)	Price, R. D.; and Clay, T., 1972 a, 491, 503, figs.
key	
Macronectes giganteus	Campbell Is.; Kerguelen; New Zealand; Chile; Madagascar; Tristan da Cunha
Austromenopon paululum (Kellogg & Chapman)	Price, R. D.; and Clay, T., 1972 a, 494, 496, 503, fig.
key	
Syns.: Austromenopon fraterculae Timmermann, 1954; A. piekarskii Timmermann, 1963	
+Puffinus opisthomelas	California
P. gravis	U.S.A.; Tristan da Cunha
P. griseus	Sweden; New Zealand; Chile; Pacific Ocean
P. carneipes	
P. lherminieri	Bahama Is.
P. nativitatis	Hawaii
P. pacificus	Western Australia; Johnston Is.; Midway Is.
P. puffinus	Wales; Ushant Is.
P. reinholdi	New Zealand
P. tenuirostris	Alaska; Australia
Daption capensis	
Austromenopon pelagicum Timmermann	Price, R. D.; and Clay, T., 1972 a, 501, 503, fig.
key	Shetland Is.
+Hydrobates pelagicus	
Austromenopon piekarskii Timmermann, 1963	Price, R. D.; and Clay, T., 1972 a, 494
as syn. of Austromenopon paululum (Kellogg & Chapman)	
Austromenopon pinguis (Kellogg)	Price, R. D.; and Clay, T., 1972 a, 490, 501, 503, figs.
key	
Syn.: Menopon petulans Kellogg and Chapman, 1899	
+Diomedea albatrus	California
D. bulleri	New Zealand
D. immutabilis	Laysan Is.
D. melanophris	south Georgia
D. nigripes	Midway Is.; Alaska; Washington
Austromenopon popellus (Piaget)	Price, R. D.; and Clay, T., 1972 a, 491, 493, 503, fig.
key	
Pterodroma externa	Pacific Ocean
P. incerta	Gough Is.; Tristan da Cunha
P. inexpectata	New Zealand
P. leucoptera	Kure Atoll
P. mollis	Antipodes Is.
P. phaeopygia	Galapagos; Pacific Ocean
Adamastor cinereus	South Pacific
Puffinus leucomelas	Philippine Is.
Austromenopon stammeri Timmermann	Price, R. D.; and Clay, T., 1972 a, 496, 503, figs.
key	
+Pachyptila turtur	New Zealand
Pachyptila belcheri	Chile; Western Australia
P. desolata	South Orkneys
P. forsteri	New Zealand; Gough Is.; S. Pauls Is.
Avenzoaria rackae n. sp.	Gaud, J., 1972 a, 241,243-246. figs. 1-4
Limnocryptes minimus	Helgoland, Germany

Bakericheyla chanayi (Berlese & Trouessart) 1889 — Furman, D.P.; and Sousa, O. E., 1969 a, figs.
description, female, male, nymph, larva
Zonotrichia leucophrys nuttalli, Z. l. gambeli, Z. l. pugetensis, Z. atricapilla, Pipilo erthrophthalmus subsp. — all from California

Bariaka n. gen. — Cressey, R. F., 1966 a, 324, 328
Eudactylinidae — tod: B. alopiae n. sp.

Bariaka alopiae n. sp. (tod) — Cressey, R. F., 1966 a, 324-328, figs. 1-2
Alopias superciliosus (gills) — off Nosy Iranja, Madagascar; eastern Pacific

Basilia — Peterson, B. V., 1971 a, 1-3
key to species — Costa Rica

Basilia sp. (c) Guimarães and D'Andretta, 1956 — Peterson, B. V., 1971 a
key — near Atenas, Alajuela Province, Costa Rica
Eptesicus sp.

Basilia bellardii Schuurmans Stekhoven Jr., not Rondani, 1931 — Peterson, B. V., 1971 a, 4
as syn. of Basilia ferrisi Schuurmans Stekhoven Jr.,1931

Basilia costaricensis Guimarães and D'Andretta, 1956 — Peterson, B. V., 1971 a
key

Basilia ferrisi Schuurmans Stekhoven Jr., 1931 — Peterson, B. V., 1971 a, figs.
key
Syns.: Basilia myotis Curran, 1935; B. bellardii Schuurmans Stekhoven Jr., not Rondani, 1931; Guimaraesia bellardii, Schuurmans Stekhoven Jr., 1951.
Myotis sp. — Playvelas (?Playavelas), Rio Frio, Alajuela Province, Costa Rica

Basilia (Basilia) mediterranea n. sp. — Hůrka, K., 1970 b, 239, 242-243, 246, fig. 1
Eptesicus serotinus — Mallorca

Basilia myotis Curran, 1935 — Peterson, B. V., 1971 a, 4
as syn. of Basilia ferrisi Schuurmans Stekhoven Jr.,1931

Basilia ortizi Machado-Allison, 1963 — Peterson, B. V., 1971 a
key — Boca de Barranca, Puntarenas Province, Costa Rica
Eptesicus gaumeri

Basilia rondanii Guimarães and D'Andretta, 1956 — Peterson, B. V., 1971 a
key — Volcan Poas, Alajuela Province, Costa Rica
Myotis nigricans — Guanacaste Province, Costa Rica
Myotis sp.

Beamerella acutascuta Brennan, 1958 — Brennan, J. M., 1970 e
Trachops cirrhosus — Bolivia

Bedbugs. [See also Cimex lectularius]

Bedbugs — Dickey, R. F., 1967 a
papular urticaria, man, clinical review, DDT

Bedbugs — Frazier, C. A., 1968 a
man, bites, stings, dermatitis, clinical review, differential diagnosis

Bedbugs — Johnson, R. B.; and Halpern, S. R., 1966 a
man, papular urticaria, clinical aspects

Bedbugs — Pillsbury, D. M.; and Hambrick, G. W. (jr.), 1965 a
human dermatological diseases, clinical aspects

Benatoecus subgen. nov. — Złotorzycka, J., 1970 a, 10-11
subgen. of Anatoecus
key to species, includes: Anatoecus (Benatoecus) dentatus (Scopoli); A. (B.?) musicus Eichler; A. (B.) penicillatus Kéler

Bequaertomyia Séguy, 1937 — Zumpt, F.K.E.; and Wetzel,H., 1970 a
as syn. of Cobboldia Brauer, 1887

Bernia marita — Allred, D. M., 1970 d
Eremophila alpestris, Peromyscus maniculatus — all from near Idaho Falls, Idaho

Binoculus Nordman, 1832 — Cressey, R. F., 1967 a, 38
as syn. of Dinemoura Latreille, 1829

Binoculus productus (Müller, 1785) Nordman, 1832 — Cressey, R. F., 1967 a, 39
as syn. of Dinemoura producta (Müller, 1785)

Binoculus sexsetaceus Nordman, 1832 — Cressey, R. F., 1967 a, 46
as syn. of Demoleus heptapus (Otto, 1821)

Blankaartia s.l. amersoni Brennan — Brennan, J. M.; and Amerson, A. B., 1971 a
(nasal cavity of all)
Sterna fuscata — Sand Island (Johnston Atoll); Phoenix Island
S. lunata — Phoenix Island
Anous stolidus — Sand Island; Phoenix Island
Bulweria bulwerii — Sand Island

Blankaartia pauli n. sp. — Crossley, D. A. (jr.); and Atyeo, W. T., 1972 a, 253-254, figs. 1-3
Rallus longirostris (nasal cavities) — Dolphin Island, Alabama; Vero Beach, St. Petersburg, Florida; Florida keys

Blarinobia sp. — Douglas, C. L., 1969 a, 493
Peromyscus maniculatus — Mesa Verde National Park, Colorado

Blarinobia cryptotis — Whitaker, J. O. (jr.); and Mumford, R. E., 1972 a
Cryptotis parva, Sorex cinereus — all from Indiana

Blarinobia simplex (Ewing) — Manischewitz, J. R., 1966 a
Blarina brevicauda, Mus musculus — all from New Jersey

Blarinobia simplex — Whitaker, J. O. (jr.); and Mumford, R. E., 1972 a
Blarina brevicauda — Indiana

Blowfly — Ashby, G. J., 1966 a
laboratory rearing and management

Blowfly — Axelsen, A.; and Willoughby, W.M., 1968 a
body-strike, sheep, relationship of pasture conditions

Blowfly — Bell, A. K., 1972 a
control by mulesing — New South Wales

Boeckia arenicola, Brady — Brady, G. S., 1880 a, 46
as syn. of Lichomolgus arenicolus, Brady

Bomolochoides Vervoort, 1962 — Vervoort, W., 1969 a
"the genus Bomolochoides Vervoort, 1962 is untenable and must be withdrawn"

Bomolochoides nitidus Vervoort, 1962 — Vervoort, W., 1969 a, 21
as syn. of Bomolochus concinnus C. B. Wilson, 1911

Bomolochus Von Nordmann, 1832 — Vervoort, W., 1969 a, 2-7
Syn.: Parabomolochus Vervoort, 1962

Bomolochus? spec. Stegastes chrysurus (orbit) — Vervoort, W., 1969 a, 29-35, figs.
Piscadera Bay, Curaçao

Bomolochus achirus n. sp. Achirus fasciatus (gills) — Pearse, A. S., [1953 c], 191-194, figs. 9-13
Alligator Harbor, Florida

Bomolochus albidus C. B. Wilson, 1932 — Vervoort, W., 1969 a, 60
as syn. of Holobomolochus albidus (C. B. Wilson, 1932) [n. comb.]

Bomolochus ardeolae Krøyer, 1864 — Vervoort, W., 1969 a, 41
as syn. of Holobomolochus ardeolae (Krøyer, 1864) [n. comb.]

Bomolochus attenuatus C. B. Wilson, 1913 — Vervoort, W., 1969 a, 50
as syn. of Holobomolochus attenuatus (C. B. Wilson, 1913) [n. comb.]

Bomolochus concinnus C. B. Wilson, 1911 — Vervoort, W., 1969 a, 20-29, figs.
Syns.: Parabomolochus concinnus, Pillai, 1967; P. nitidus Pillai, 1967; Bomolochus nitidus C. B. Wilson, 1911; B. mugilis Pearse, 1952; Bomolochoides nitidus Vervoort, 1962
+Mugil cephalus — Beaufort, N. C.

Bomolochus cuneatus Fraser 1920 — Kabata, Z., 1971 b, 1570, 1572
Damalichthys vacca
Gasterosteus aculeatus
all from British Columbia

Bomolochus eminens C. B. Wilson, 1911 — Vervoort, W., 1969 a, 82
as syn. of Dicrobomolochus eminens (C. B. Wilson, 1911) [n. comb.]

Bomolochus mugilis n. sp. Mugil cephalus (gills) — Pearse, A. S., [1953 c], 194-196, figs. 14-17
Alligator Harbor, Florida

Bomolochus mugilis Pearse, 1952 — Vervoort, W., 1969 a, 21
as syn. of Bomolochus concinnus C. B. Wilson, 1911

Bomolochus nitidus C. B. Wilson, 1911 — Vervoort, W., 1969 a, 20
as syn. of Bomolochus concinnus C. B. Wilson, 1911

Bomolochus nothrus C. B. Wilson, 1913 — Vervoort, W., 1969 a, 37
as syn. of Holobomolochus nothrus (C. B. Wilson, 1913) [n. comb.]

Bomolochus pectinatus Stock, 1955 — Olson, A. C. (jr.), 1972 a
Leuresthes tenuis (gill chambers)
San Clemente to Estero Beach

Bomolochus scutigerulus C. B. Wilson, 1935 — Vervoort, W., 1969 a, 68
as syn. of Holobomolochus scutigerulus (C. B. Wilson, 1935) [n. comb.]

Bomolochus soleae Claus, 1864 — Vervoort, W., 1969 a, 7-20, figs.
Syn.: Bomolochus soleae p. p. Dollfus, 1953
Solea solea (gills)
Wadden Sea (The Netherlands; Lutjeswaard; Malzwin)

Bomolochus soleae p. p. Dollfus, 1953 — Vervoort, W., 1969 a, 7
as syn. of Bomolochus soleae Claus, 1864

Bomolochus spinulus Cressey 1969 — Kabata, Z., 1971 b, 1569
as syn. of Holobomolochus spinulus (Cressey 1969) n. comb.

Bomolochus varunae Bennet, 1966 — Pillai, N. K., 1971 a, 14
as syn. of Pseudorbitacolax varunae (Bennet, 1966) [n. comb.]

Bonnierilla arcuata Brément (1909) — Ooishi, S.; and Illg, P. L., 1973 a, 227
to Periproctia [combination indicated, not made]

Bonomiella columbae Emerson, 1957 — Ribbeck, R., 1972 b, figs.
pigeon, domestic
German Democratic Republic

Bonomiella concii Eichler, 1947 — Černý, V., 1970 a
Streptopelia d. decaocto
Olomouc, ČSSR

Boophilus — Feldman-Muhsam, B.; and Shechter, R., 1970 a, 684-685
key to species
includes: B. microplus; B. annulatus; B. decoloratus; B. geigyi; B. kohlsi

Boophilus — United States Department of Agriculture. Agricultural Research Service. Animal Health Division, 1971 a
outbreak eradicated
Dimmit County, Texas

Boophilus spp. — FAO Working Party of Experts on Resistance of Pests to Pesticides, 1971 a
insecticide resistance, testing methods

Boophilus annulatus — Drummond, R.O.; et al., 1972 a
insecticides as sprays and dips, cattle

Boophilus annulatus (Say) — Drummond, R. O.; and Whetstone, T. M., 1973 a
acaricides, control

Boophilus annulatus (Say, 1821) — Feldman-Muhsam, B.; and Shechter, R., 1970 a, 679, fig.
Syns.: B. calcaratus palestinensis Minn., 1934; B. calcaratus balcanicus Minn., 1934; B. congolensis Minn., 1934; B. schulzei Minn., 1934

Boophilus (Margaropus) annulatus — Gonzalez, A. J., 1965 a
cattle, control
Argentina

Boophilus annulatus — Hoffmann, G., 1971 a
infection rates with Babesia bigemina using different strains of host and of parasite, cytopathology, mortality and reproduction rates

Boophilus annulatus — Hoffmann, G., 1972 a
tissue culture, Babesia bigemina infection

Boophilus annulatus — Hoffmann, G.; and Lindau, M., 1971 a
Rind
Niger

Boophilus annulatus — Hoffmann, G.; Schein, E.; and Müller, B., 1971 a
experimental transmission, Babesia bigemina, calves

Boophilus annulatus
sheep
Houshmand-Rad, P.; and Hawa, N. J., 1973 a
Iraq

Boophilus annulatus
Odocoileus virginianus
Kellogg, F. E.; Kistner, T. P.; Strickland, R. K.; and Gerrish, R. R., 1971 a
Texas

Boophilus annulatus
committee report, U. S. Livestock sanitary association
Koutz, F. R., 1966 b

Boophilus annulatus
failure to transmit anaplasmosis to Odocoileus virginianus
Kuttler, K. L.; Graham, O. H.; and Johnson, S. R., 1971 a

Boophilus annulatus
Mexican laboratory-reared, chromosome patterns in gonads
Newton, W. H.; Price, M. A.; Graham, O. H.; and Trevino, J. L., 1972 b, figs.

Boophilus annulatus
morphology, respiratory apparatus, scanning electron microscopy
Woolley, T. A., 1972 a, fig.

Boophilus annulatus x B. microplus
chromosomal and gonadal changes
Newton, W. H.; Price, M. A.; Graham, O. H.; and Trevino, J. L., 1972 a, figs.

Boophilus a. annulatus
Asuntol, Bercotox, cattle
Said, M. S.; et al., 1971 a

B[oophilus] calcaratus
distribution
goveda
bivoli
ovce
Heneberg, N.; Heneberg, D.; Milošević, J.; and Dimitijević, V., [1968 a]
all from Kosovo and Metohija, Jugoslaviji

Boophilus calcaratus
[Bos taurus]
Tevosov, A. M.; and Annagiev, A. A., 1956 a, 33

Boophilus calcaratus
incidence, bovine, ovine, caprine, equine
Trifonov, T. R.; and Meshkov, St., 1971 a
Burgas region

Boophilus calcaratus
balcanicus Minn., 1934
as syn. of Boophilus annulatus (Say, 1821)
Feldman-Muhsam, B.; and Shechter, R., 1970 a, 679

Boophilus calcaratus
hispanicus Minn., 1935
as syn. of Boophilus microplus (Canestrini, 1887)
Feldman-Muhsam, B.; and Shechter, R., 1970 a, 681

Boophilus calcaratus
palestinensis Minn., 1934
as syn. of Boophilus annulatus (Say, 1821)
Feldman-Muhsam, B.; and Shechter, R., 1970 a, 679, fig.

Boophilus congolensis
Minn., 1934
as syn. of Boophilus annulatus (Say, 1821)
Feldman-Muhsam, B.; and Shechter, R., 1970 a, 679

Boophilus cyclops Minn., 1934
as syn. of Boophilus microplus (Canestrini, 1887)
Feldman-Muhsam, B.; and Shechter, R., 1970 a, 681

Boophilus decoloratus
morphology, larvae, nymphs, scanning electron microscopy, feeding of all stages
Arthur, D. R.; and Londt, J. G. H., 1973 a

Boophilus decoloratus
vector of Trypanosoma theileri, distribution in tick organs
Burgdorfer, W.; Schmidt, M.L.; and Hoogstraal, H., 1973 a
Ethiopia

Boophilus decoloratus
(Koch, 1844)
Feldman-Muhsam, B.; and Shechter, R., 1970 a, figs. 1e,7

Boophilus decoloratus
control, Supona dips
Gresty, R.H.C., 1971 a

Boophilus decoloratus
vector, Babesia bigemina
Ho, C. C.; and Wang, H. H., 1969 a
Makalle, northern Ethiopia

Boophilus decoloratus
Rind
Ziege
Wildboviden
Hoffmann, G.; and Lindau, M., 1971 a
all from Niger

Boophilus decoloratus (Koch)
humidity preference, engorgement to oviposition
Kraft, M. K., 1971 a

Boophilus decoloratus
chlorfenvinphos, cattle
Mohammed, A. N., 1970 a
Nigeria

Boophilus decoloratus
cows (ears, dorsal side, ventral side)
Sarma, B. D.; and Das, S. M., 1971 a, figs.
Kashmir (India)

B[oophilus] decoloratus
Bolfo, livestock
Stampa, S., 1970 a

Boophilus decoloratus
vector, viruses
Williams, R. W.; Causey, O. R.; and Kemp, G. E., 1972 a
Ibadan, Nigeria

Boophilus geigyi
Aeschlimann & Morel, 1965
Feldman-Muhsam, B.; and Shechter, R., 1970 a, fig. 1d

Boophilus geigyi
Wildboviden
Hoffmann, G.; and Lindau, M., 1971 a
Niger

Boophilus kohlsi Hoogstraal & Kaiser, 1960
Feldman-Muhsam, B.; and Shechter, R., 1970 a, figs. 1c,6

Boophilus krijgsmani Minn., 1934
as syn. of Boophilus microplus (Canestrini, 1887)
Feldman-Muhsam, B.; and Shechter, R., 1970 a, 681

Boophilus microplus
function of porose areas
Atkinson, P. W.; and Binnington, K. C., 1973 a

Boophilus microplus
bovine babesiasis control, vaccination
Australia. Commonwealth Scientific and Industrial Research Organization. Division of Animal Health, 1972 a

Boophilus microplus
host resistance variability
Bennett, G. F.; and Wharton, R. H., 1968 a

Boophilus microplus
automatic collection, saliva
Binnington, K. C.; and Schotz, M., 1973 a

Boophilus microplus
accumulation and utilization of food reserves
Cherry, L. M., 1973 a

Boophilus microplus
5-hydroxytryptamine, norepinephrine, and dopamine not detectable
Chou, T. C. T.; Bennett, J.; and Bueding, E., 1972 a

Boophilus microplus
collection of saliva, use of pilocarpine
Clarke, R. H.; and Hewetson, R. W., 1971 a

Boophilus microplus
vector, Anaplasma marginale
Connell, M.; and Hall, W.T.K., 1972 a

Boophilus microplus
insecticides as sprays and dips, cattle
Drummond, R.O.; et al., 1972 a

Boophilus microplus (Canestrini)
acaricides, contol
Drummond, R. O.; and Whetstone, T. M., 1973 a

Boophilus microplus (Canestrini, 1887)
Syns.: B. calcaratus hispanicus Minn., 1935; B. krijgsmani Minn., 1934; B. cyclops Minn., 1934; B. sinensis Minn., 1934
Feldman-Muhsam, B.; and Shechter, R., 1970 a, 681, figs.

Boophilus microplus
Batestan, cattle
Franco Rocha, U., 1971 a

Boophilus microplus
bovine, Batestan, Coumaphos
Franco Rocha, U., 1971 b

Boophilus microplus (Canestrini, 1887)
Bubalus bubalis
Franco Rocha, U.; Serra, O.P.; Grock, R.; and Serra, R. G., 1969 a
estados de São Paulo e de Minas Gerais, Brasil

Boophilus microplus
esterases, carbohydrate-splitting enzyme, saliva
Geczy, A. F.; Naughton, M. A.; Clegg, J. B.; and Hewetson, R. W., 1971 a

Boophilus microplus
beef production
Gee, R.W.; Bainbridge, M.H.; and Haslam, J.Y., 1971 a
Northern Territory

Boophilus microplus
control, Supona dips
Gresty, R. H. C., 1971 a

Boophilus microplus
phosphorus resistant and sensitive strains, insecticides
Grillo Torrado, J. M.; and Gutiérrez, R. O., 1970 a

Boophilus microplus
acaricides, evaluation, in vivo and in vitro comparison
Grillo Torrado, J.M.; Gutierrez, R.O.; and Perez Arrieta, A., 1971 a

Boophilus microplus
gamma-radiation, longevity, fecundity, egg hatchability
Han, T. W.; Suh, M. D.; and Kim, B. J., 1971 a; 1971 b

Boophilus microplus
gamma-ray radiation, longevity, fecundity, egg hatchability, biological control
Han, T. W.; Suh, M. D.; and Kim, B. J., 1973 a

Boophilus microplus
Sumithion, cattle
Hegde, K. S.; Rahman, S. A.; Rajasekariah, G. R.; and Gowda, R. N. S., 1972 a

Boophilus microplus
Zebu cattle, acquired resistance
Hewetson, R. W., 1972 a
Australia

Boophilus microplus
infection rates with different strains of Babesia bigemina, cytopathology, mortality and reproduction rates
Hoffmann, G., 1971 a

Boophilus microplus (Canestrini)
domestic buffalo
cattle
zhum (yak/cow hybrid)
Hoogstraal, H., 1971 c
all from Nepal

Boophilus microplus
cattle
Hoogstraal, H.; Saito, Y.; Dhanda, V.; and Bhat, H. R., 1971 a, 182
India

Boophilus microplus
pregnant and lactating Brahman-cross and British-breed cows
Johnston, L. A. Y.; and Haydock, K. P., 1971 b
northern Australia

Boophilus microplus
organic phosphate resistance, overcome by chlorphenamidine
Kearnan, J. F., 1971 a

Boophilus microplus
Odocoileus virginianus
Kellogg, F. E.; Kistner, T. P.; Strickland, R. K.; and Gerrish, R. R., 1971 a
Cuba; U. S. Virgin Islands (St. Croix)

Boophilus microplus
chloride balance in feeding
Kitaoka, S., 1971 a

Boophilus microplus
larvae, adults, formamidine-type compounds, toxicity modified by synergists
Knowles, C. O.; and Roulston, W. J., 1973 a

Boophilus microplus
bioassay technique, chlorphenamidine, resistance, larvae
Knowles, C. O.; Wilson, J. T.; and Schnitzerling, H. J., 1973 a

Boophilus microplus
committee report, U. S. Livestock sanitary association
Koutz, F. R., 1966 b

Boophilus microplus (Canestrini)
rearing, Oryctolagus cuniculus, not suitable as a standard host
Loomis, E. C., 1971 a

Boophilus microplus
cattle, pour-on systemic insecticides
Loomis, E. C.; Noorderhaven, A.; and Roulston, W. J., 1972 a

Boophilus microplus
bovine babesiasis vector, infection rates estimation in tick
Mahoney, D. F.; and Mirre, G. B., 1971 a

Boophilus microplus
disease transmission, bovine babesiosis, control factors
Mahoney, D.F.; and Ross, D.R., 1972 a
Australia

Boophilus microplus
Mexican laboratory-reared, chromosome patterns in gonads
Newton, W. H.; Price, M. A.; Graham, O. H.; and Trevino, J. L., 1972 b, figs.

Boophilus microplus
resistance, acetylcholinesterase, multiple forms
Nolan, J.; Schnitzerling, H. J., and Schuntner, C. A., 1972 a

Boophilus microplus
resistance, Dursban
O'Sullivan, P.J.; and Green, P. E., 1971 a
Queensland, Australia

Boophilus microplus
sheep hosts, control
Powell, S. E., 1970 a

Boophilus microplus
larvae on cattle with different degrees of resistance, number and length of attachments, mortality when prevented from feeding
Roberts, J. A., 1971 b

Boophilus microplus
cattle, immunity to Babesia argentina
Rogers, R.J., 1971 a

Boophilus microplus
chlorphenamidine + acaricides, cattle
Roulston, W. J.; et al., 1971 a

Boophilus microplus
DDT, cattle, duration of protection
Schnitzerling, H. J.; et al., 1972 a

Boophilus microplus
coumaphos dips, cattle, loss of effectiveness, external fouling
Schnitzerling, H.J. and Stone, B.F., 1968 a

Boophilus microplus larvae
chlorphenamidine metabolism
Schuntner, C. A., 1971 a

Boophilus microplus
carbaryl metabolism, larvae, organophosphorus and carbamate-susceptible and -resistant strains
Schuntner, C. A.; Schnitzerling, H. J.; and Roulston, W. J., [1972 a]

Boophilus microplus Coroxon, resistant and susceptible strains, cholinergic systems — Schuntner, C. A.; and Smallman, B. N., 1972 a

Boophilus microplus larvae, liquid intake, effects of age, desiccation period, relative humidity — Schuntner, C. A.; and Tatchell, R. J., 1970 a, fig.

Boophilus microplus growth rate, British cattle, Zebu crossbreds — Seifert, G. W., 1971 a

Boophilus microplus enzyme activity of cytochrome system of egg and larva — Shanahan, A. G.; and O'Hagan, J. E., 1973 a

Boophilus microplus control, economic importance, review — Shaw, R. D., 1973 a

Boophilus microplus cholinergic system authenticated, Coumaphos — Smallman, B. N.; and Schuntner, C. A., 1972 a

Boophilus microplus control, cattle — Smith, M. W., 1972 a Trinidad, Tobago

Boophilus microplus Hereford steer metabolism, blood volume, body water, carcass composition changes — Springell, P. H.; O'Kelly, J. C.; and Seebeck, R. M., 1971 a

Boophilus microplus organophosphorus compounds, resistance — Stone, B. F., 1972 a

Boophilus microplus chlordimeform, BTS-27419, BTS-23376, detachment, cattle, mice — Stone, B. F.; and Knowles, C. O., 1973 a

Boophilus microplus inheritance of dimethoate resistance, Mackay strain — Stone, B.F.; Wilson, J.T.[2]; and Youlton, N. J., 1973 a Australia

Boophilus microplus effect of flooding, laboratory and field conditions — Sutherst, R. W., 1971 a

Boophilus microplus density dependent mortality, cattle — Sutherst, R.W.; Utech, K.B.W.; Dallwitz, M.J.; and Kerr, J.D. 1973 a

Boophilus microplus — Todorovic, R. A.; Gonzalez, E. F.; Mateus Villes, J. G.; and Adams, L. G., 1971 a Bogotá

Boophilus microplus experimental transmission, cattle, Anaplasma marginale — Uilenberg, G., 1970 b

Boophilus microplus transmission, Anaplasma marginale — Uilenberg, G., 1973 a

Boophilus microplus survey, 1970 — United States Department of Agriculture. Agricultural Research Service. Animal Health Division, 1971 a U. S. Virgin Islands

Boophilus microplus sulphur, cattle, not effective — Utech, K. B. W.; and Wharton, R. H., 1972 a north-western Queensland

Boophilus microplus control, pasture rotation — Waters, K. S., 1972 a

Boophilus microplus x B. annulatus chromosomal and gonadal changes — Newton, W. H.; Price, M. A.; Graham, O. H.; and Trevino, J. L., 1972 a, figs.

Boophilus schulzei Minn., 1934 as syn. of Boophilus annulatus (Say, 1821) — Feldman-Muhsam, B.; and Shechter, R., 1970 a, 679

Boophilus sinensis Minn., 1934 as syn. of Boophilus microplus (Canestrini, 1887) — Feldman-Muhsam, B.; and Shechter, R., 1970 a, 681

Boopia Piaget, 1880 — von Kéler, S., 1971 a, 16
Boopiidae, description, key
key to species
Syn.: Keleriella Eichler, 1940

Boopia bettongia Le Souëf 1902 — von Kéler, S., 1971 a, 19, figs.
key, description
Syn.: B. phanerocerata Harrison and Johnston, 1916

Aepyprymnus rufescens	Victoria
Perameles nasuta	Queensland; New South Wales
Isoodon macrourus	Queensland; New South Wales
I. obesulus	Queensland; West Australia

Boopia biseriata sp. nov. — von Kéler, S., 1971 a, 17, 19, 22-24, figs. 1-4, 81, 90-C, 105
key

Macropus antilopinus	Alligator R., Northern Territory
M. robustus	Woodstock Field Station, West Australia
M. robustus cervinus	Woodstock Field Station, West Australia

Boopia brevispinosa, Hopkins and Clay — von Kéler, S., 1971 a, 39
as syn. of Phacogalia brevispinosa Harrison & Johnston

Boopia doriana sp. nov. — von Kéler, S., 1971 a, 17,19, 24-25
key

Dendrolagus dorianus	Bulldog Road, Morobe District, New Guinea

Boopia dubia Werneck & Thompson, 1940 — von Kéler, S., 1971 a, figs.
key, description

Lasiorhinus latifrons	South Australia
Vombatus hirsutus	" "

Boopia grandis Piaget, 1885 — von Kéler, S., 1971 a, figs.
key, description

Megaleia rufa	Zoo, Sydney; West Australia
Macropus giganteus	New South Wales; Victoria
M. fuliginosus	Victoria

Boopia minuta Le Souëf, 1902 — von Kéler, S., 1971 a, fig.
key, description
Wallabia dorsalis — Victoria Zoo

Boopia mjobergi Werneck & Thompson, 1940 — von Kéler, S., 1971 a
key, description
Macropus giganteus — Victoria

Boopia notafusca Le Souëf, 1902 — von Kéler, S., 1971 a, fig.

Wallabia bicolor	New South Wales; Victoria
Macropus robustus	New South Wales
Antechinus flavipes	

Boopia phanerocerata Harrison and Johnston, 1916 — von Kéler, S., 1971 a, 19
as syn. of B. bettongia Le Souëf 1902

Boopia spinosa Harrison & Johnston, 1916 — von Kéler, S., 1971 a, 42
as syn. of Phacogalia spinosa Harrison & Johnston

Boopia tarsata Piaget, 1880 — von Kéler, S., 1971 a, figs.
key, description

Vombatus hirsutus	Zoo, Melbourne; Zoo, London; New South Wales
V. ursinus	Zoo, Sydney; Zoo, Melbourne; Tasmania

Boopia uncinata Harrison & Johnston 1916 — von Kéler, S., 1971 a, figs.
key, description
Dasyurus quoll — Sydney, Australia
D. hallucatus — Woodstock, West Australia; Northern Territory
D. geoffroii — Forest Grove, West Australia

Boopiidae Mjöberg 1910 — von Kéler, S., 1971 a
taxonomic revision, key to genera, description
includes: Boopia Piaget, 1880 (type); Paraboopia Werneck & Thompson, 1940; Phacogalia Mjöberg, 1919; Macropophila Mjöberg, 1919; Heterodoxus Le Souëf & Bullen, 1902; Paraheterodoxus Harrison & Johnston, 1916; Latumcephalum Le Souëf, 1902
Syn.: Ricinidae Werneck, 1948

Boopiidae — Murray, M. D.; and Calaby, J. H., 1971 a
host relationship, review

Bopyrella hodgarti (Chopra) — Savant, K. B., 1973 a
Alpheidae (cephalothoracic region) — Elephanta Island, west coast of India

Boschmaella balani (Bocquet-Védrine) — Bocquet-Védrine, J.; and Parent, J., 1972 a, figs.
development

Boschmaella balani (J. Bocquet-Védrine) — Bocquet-Védrine, J.; and Parent, J., 1972 b, figs.
asexual reproduction

Boshellia Ewing, 1950 — Brennan, J. M.; and Vercammen-Grandjean, P. H., 1970 a, 100-103
valid genus, redescription

Boshellia hirsuta (Boshell and Kerr) — Brennan, J. M.; and Vercammen-Grandjean, P. H., 1970 a, fig.
redescribed, lectotype designated
Proechimys chrysaeolus — Restrepo, Meta, Colombia
Oryzomys albigularis — Pico Rengifo, Colombia

Botachus Thorell, 1859 — Ooishi, S.; and Illg, P. L., 1973 a, 228
re-established as monotypic, differential diagnosis

Bothrocheyla pavlovskyi (Volgin) — Volgin, V. I., 1966 c, fig. 3
morphological peculiarities, ontogenetical development

Bots — Miller, J. P., 1971 a
trichlorfon, horses
coumaphos; ronnel, sheep

Bovicola bovis (Linnaeus, 1758) — Emerson, K. C., 1971 a
cow — Nepal

Bovicola bovis — Hopkins, D. E.; and Chamberlain, W. F., 1972 a
maintenance technique, laboratory colony

Bovicola bovis — Hopkins, D.E.; and Chamberlain, W. F., 1972 c
susceptibility to juveth, an insect juvenile hormone analog

Bovicola bovis — Ribbeck, R., 1972 a
dairy cattle

Bovicola bovis — Scharff, D. K.; McGregor, W. S.; and Ludwig, P. D., 1972 a
Ruelene 12R, cattle

Bovicola caprae — Schweizer, R., 1949 a
Capreolus capreolus — Switzerland

Bovicola crassipes (Rudow) — Hopkins, D. E.; and Chamberlain, W. F., 1969 a
in vitro colonization, goatskin scrapings

Bovicola dimorpha Bedford, 1939 — Emerson, K. C., 1971 a
Nemorhaedus goral — Nepal

Bovicola hemitragi (Cummings, 1916) — Emerson, K. C., 1971 a
Hemitragus jemlahicus — Nepal

Bovicola limbata — Chamberlain, W. F.; and Hopkins, D. E., 1971 a
methyl 10, 11-epoxy-7-ethyl-3, 11-dimethyl-2, 6-tridecadienoate, synthetic juvenile hormone

Bovicola limbata (Gurlt, 1844) — Emerson, K. C., 1971 a
goat — Nepal

Bovicola limbata (Gervais) — Hopkins, D. E.; and Chamberlain, W. F., 1969 a
in vitro colonization, goatskin scrapings

Bovicola ovis (Schrank, 1781) — Emerson, K. C., 1971 a
sheep — Nepal

Bovicola ovis — Hopkins, D.E.; and Chamberlain, W.F., 1972 b
off host laboratory rearing, survival, reproduction, life cycle

Bovicola ovis — Patyk, S.; Jasek, K.; and Buchalski, L., 1970 a
Karbatox, domestic animals

Bovicola ovis — Ribbeck, R.; et al., 1973 a
ovine, incidence, control — Germany

Brachiella Cuvier, 1830 — Kabata, Z., 1973 a
Syn.: Epibrachiella Wilson, 1915

Brachiella bispinosa von Nordmann, 1832 — Kabata, Z., 1973 a, figs.
redescription from type specimens
Syn.: B. obesa (Krøyer, 1837) Olsson, 1869

Brachiella concava Wilson — Pearse, A. S., [1953 c]
Dasyatis sabina (gills) — Alligator Harbor, Florida

Brachiella exilis (Shiino, 1956) [n. comb.] — Kabata, Z., 1973 a

Brachiella hoplognathi (Yamaguti, 1939) [n. comb.] — Kabata, Z., 1973 a

Brachiella impudica von Nordmann, 1832 — Kabata, Z., 1973 a, figs.
redescription from type specimens
Syn.: B. parva (Nunes-Ruivo, 1957)

Brachiella merluccii Bassett-Smith 1896 — Kabata, Z.; and Cousens, B., 1972 a
structure, attachment organ

Brachiella obesa (Krøyer, 1837) Olsson, 1869 — Kabata, Z., 1973 a
as syn. of B. bispinosa von Nordmann, 1832

Brachiella parva (Nunes-Ruivo, 1957) — Kabata, Z., 1973 a
as syn. of Brachiella impudica von Nordmann, 1832

Brachiella robusta (Wilson 1912) — Kabata, Z.; and Cousens, B., 1972 a, fig.
structure, attachment organ

Brachiella septicauda (Shiino, 1956) [n. comb.] — Kabata, Z., 1973 a

Brachiellina n. gen. Lernaepodidae; Clavellinae — Pearse, A. S., [1953 c], 231 tod.: B. papillosa, n. sp.

Brachiellina papillosa n. gen., n. sp. (tod) Lactophrys tricornis (gill) — Pearse, A. S., [1953 c], 231-233, figs. 120-121 Alligator Harbor, Florida

Brachiochondrites longicollis Markevich, 1940 redescription Lepidion — Kabata, Z., 1970 d, figs. Bay of Biscay

Bradyphyllodes n. g. Proctophyllodidae; Proctophyllodinae — Atyeo, W. T.; and Gaud, J., 1970 a, 243,245 tod: B. clavulus n. sp.

Bradyphyllodes clavulus n. g., n. sp. (tod) Bradornis mariquensis — Atyeo, W. T.; and Gaud, J., 1970 a, 243-247, figs. 1-5 Republic of South Africa and South-West Africa

Bradypontius gen. nov. Ascomyzontidae; Dysponti-inae subfam. n. — Giesbrecht, W., 1895 b, 182

Bradypontius chelifer sp. n. — Giesbrecht, W., 1895 b, 183 Naples

Bradypontius magniceps Brady [n. comb.] — Giesbrecht, W., 1895 b, 182 England
Syns.: Artotrogus orbicularis, Brady and Robertson; A. magniceps, Brady

Bradypontius normani Brady and Robertson [n. comb.] — Giesbrecht, W., 1895 b, 183 Durham; Isle of Man; Madei-a ?; Wi ereux ?.
Syns.: Dyspontius normani Brady and Robertson; Artotrogus normani, Brady

Bradypontius siphonatus sp. n. — Giesbrecht, W., 1895 b, 183 Naples

Brevisterna sp. Neotoma cinerea — Allred, D. M., 1970 d near Idaho Falls, Idaho

Brueelia amsel (E., 1951) — Baum, H., 1968 a, figs. 8a-b seasonal distribution, Turdus m. merula, ecology

Brüelia corydalla n. sp. Anthus pratensis — Timmermann, G., 1950 a, 4, 5-6, fig. 3(rechts) Höfn (Hornafj.), Iceland

Brüelia inornata n. sp. Turdus musicus coburni — Timmermann, G., 1950 a, 3-5, fig. 3(links) Rehkjavik, Iceland

Brueelia intermedia
Syn.: B. jacobi E., 1951 — Baum, H., 1968 a, 143

Brueelia jacobi E., 1951 as syn. of B. intermedia — Baum, H., 1968 a, 143

Brueelia merulensis (Denny, 1842) — Baum, H., 1968 a, figs. 9a-b
seasonal distribution, Turdus m. merula, ecology

Bruelia nebulosa wild birds, review — Turner, E. C. (jr.), 1971 a, fig.

Bruelia nebulosa Sturnus vulgaris — Vincent, A. L., 1972 a San Diego County, California

Brüelia varia (Burmeister, 1838) [Corvus f. frugilegus] — Shcherbinina, O. Kh.; and Kurbanova, D. B., 1969 a Ashkhabad

Buclypeus gen. n. Trombiculidae, key to species — Brennan, J. M., 1972 a, 1178 tod: B. ignota (Brennan, 1971) [n. comb.]

Buclypeus catatonus sp. n. key Proechimys guyannensis — Brennan, J. M., 1972 a, 1178-1179, figs. 1, 3 Utinga Forest, Belém, Pará, Brazil

Buclypeus daptops sp. n. key Proechimys guyannensis — Brennan, J. M., 1972 a, 1178, 1179-1180, figs. 2, 3 Capibara, Casiquiare Canal, Amazonas, Venezuela; Belén, Rio Cunucunuma, Amazonas; 10 km N Boca Mavaca, Amazonas

Buclypeus ignotus (Brennan 1971) [n. comb.] (tod) — Brennan, J. M., 1972 a, fig.
key
Syn.: Trombicula ignota Brennan, 1971

Buclypeus rotundiscutatus (Fauran, 1959) [n. comb.] — Brennan, J. M., 1972 a, figs.
key, description
Syns.: Trombicula rotundiscutata Fauran, 1959; Eutrombicula (Novotrombicula) rotundiscutata (Fauran, 1959) Vercammen-Grandjean and Audy, 1965

Buffalo fly beef cattle, control — Craven, C. P., 1970 a Queensland

Bysone n. gen. Notodelphyidae — Stock, J. H.; and Humes, A. G., 1970 a, 200, 211 tod: B. operculatus n. sp.

Bysone operculatus n. gen., n. sp. (tod) Parerythropodium fulvum ssp. fuscum — Stock, J. H.; and Humes, A. G., 1970 a, 200-205, 211, figs. 4-6 Madagascar

Cacodminae — Bernard, M. E., 1970 a
key to genera
includes: Cacodmus; Aphrania; Crassicimex; Leptocimex; Stricticimex; Loxaspis

Cacodmus Stal — Bernard, M. E., 1970 a
Cacodminae, key

Calcarmyobia rhinolophia (Radford, 1940) — Beron, P., 1971 a
Miniopterus schreibersi — France

Caligus amplifurcus n. sp. — Pearse, A. S., [1953 c], 199-201, figs. 29-35
Caranx crysos — Octakocne Cove, Alligator Harbor, Florida

Caligus arii Bassett-Smith — Pillai, N.K., 1971 b, figs.
redescription

Caligus asymmetricus Pillai (in press) [nom. nov.] — Kabata, Z., 1965 f, 109, 110-112, figs. 1 B-E
Syn.: C. thynni Pillai, 1963, preoccupied
Euthynnus alleteratus (gills) — Queensland, Australia

Caligus bicolor (Leach, 1816) Lamarck, 1818 — Cressey, R. F., 1967 a, 21
as syn. of Pandarus bicolor Leach, 1816

Caligus bifurcatus n. sp. — Pearse, A. S., [1953 c], 196-198, figs. 18-28
Echeneis naucrates (skin) — Alligator Harbor, Florida

Caligus bombayensis Rangnekar, 1955 — Kabata, Z., 1965 f, fig.
Mugil cephalus (gills) — Queensland, Australia

Caligus bonito Yamaguti, 1936 — Kabata, Z., 1965 f
as syn of C. kuroshio Shiino, 1959

Caligus bonito Wilson, 1905 — Pillai, N.K., 1971 b, figs.
redescription

Caligus chelifer — Kabata, Z., 1972 b, figs.
description, male

Caligus curtus O. F. Müller — O'Riordan, C. E., 1966 a
cod — all from Ireland
skate

Caligus cybii Bassett-Smith — Pillai, N.K., 1971 b, figs.
redescription

Caligus elongatus Nordmann, 1832 — Kabata, Z., 1973 b, fig.
Udonella caligorum distribution — Scotland
Gadus morhua (buccal cavities)

Caligus epinepheli Yamaguti 1936 — Kabata, Z., 1965 f, fig.
Epinephelus merra (gills) — Queensland, Australia

Caligus fortis sp. nov. — Kabata, Z., 1965 f, 109, 114-119, fig. 3 A-L; 4 A-L
Carangoides emburyi (nostrils) — Green Island, Queensland

Caligus heptapus Otto, 1821 — Cressey, R. F., 1967 a, 46
as syn. of Demoleus heptapus (Otto, 1821)

Caligus hobsoni sp. n. — Cressey, R. F., 1969 c, 431-434, figs. 1-17
Chromis punctipinnis — all from La Jolla, California
Hypsypops rubicunda
Rhacochilus toxotes
Medialuna californiensis

Caligus infestans Heller, 1865 — Kabata, Z., 1965 f, fig.
Syn.: C. maculatus Heegaard, 1962
Euthynnus alleteratus — all from Green Island, Queensland
Scomberomorus commersonii

Caligus infestans Heller — Pillai, N.K., 1971 b, figs.
redescription

Caligus kuroshio Shiino, 1959 — Kabata, Z., 1965 f, fig.
Syn.: C. bonito Yamaguti, 1936 — Green Island, Queensland
Euthynnus alleteratus (gills)

Caligus lacustris Streenstrup et Lütken, 1861 — Osmanov, S. O., 1971 a, 238
Uzbekistan

Caligus maculatus Heegaard, 1962 — Kabata, Z., 1965 f
as syn of C. infestans Heller, 1865

Caligus olsoni Pearse, 1953 — Olson, A. C. (jr.), 1972 a
Leuresthes tenuis (skin) — San Clemente to Estero Beach

Caligus paradoxus Otto, 1828 — Cressey, R. F., 1967 a, 46
as syn. of Demoleus heptapus (Otto, 1821)

Caligus parapetalopsis n. sp. — Hameed, M. S.; and Pillai, N. K., 1973 a, 114-118, figs. 1-21
Zonichthys nigrofasciata (branchial cavity, buccal cavity) — Trivandrum

Caligus platytarsis Bassett-Smith — Pillai, N.K., 1971 b, figs.
redescription

Caligus praetextus Bere — Pearse, A. S., [1953 c]
Dasyatis sabina — all from Alligator Harbor, Florida
Mugil cephalus

Caligus rapax Baird, 1850 (non Milne-Edwards, 1840) — Kabata, Z., 1965 f, fig.
elasmobranch — Southern Australia

Caligus rapax Milne Edwards — O'Riordan, C. E., 1966 a
Gadus virens — Slyne Head (Station 80), Ireland

Caligus savala Gnanamuthu — Pillai, N.K., 1971 b, figs.
redescription

Caligus schistonyx Wilson — Pearse, A. S., [1953 c]
Lepisosteus osseus — all from Alligator Harbor, Florida
Mugil cephalus

Caligus setosus n. sp. — Pearse, A. S., [1953 c], 201-203, figs. 36-39
Galeichthys felis (mouth) — all from Alligator Harbor, Florida
Menticirrhus littoralis (mouth)
Bagre marina

Caligus thynni Pillai, 1963, preoccupied — Kabata, Z., 1965 f
as syn of C. asymmetricus Pillai (in press) [nom. nov.]

Caligus willungae sp. nov. — Kabata, Z., 1965 f, 109, 121-126, fig. 5 A-K; 6 A-J
unidentified elasmobranch — Port Willunga, South Australia

Caligus zei Norman and T. Scott — O'Riordan, C. E., 1966 a
Irish waters

Calliphora — Pérez Fontana, V.; and Severino Brea, R., 1967 a
echinococcosis, possible vectors

Calliphora erythrocephala
visual cell, resting potential
Gemperlein, R.; and Smola, U., 1972 a

Calliphora erythrocephala
NADP(H)-specific oxidoreductase
Siebeck, W., 1972 a

Calliphora vomitoria
myiasis, domestic animals, review
Chirinos Rodríguez, A. R., 1972 a, fig.

Calliphora vomitoria larvae
woman, eyes, causing eye destruction
Wood, T. R.; and Slight, R.J., 1970 a
California

Calliphoridae
description
Herms, W. B., 1944 a

Callistopsyllus deuterus
Peromyscus maniculatus
Douglas, C. L., 1969 a, 493
Mesa Verde National Park, Colorado

Callistopsyllus terinus
Peromyscus maniculatus
Allred, D. M., 1968 a
National Reactor Testing Station, Idaho

Callitroga americana
vector of "swollen joints" agent, deer, EQ335 used to control
Strode, D. D., 1955 a
Ocala National Forest

Callitroga=(Cochliomyia) hominivorax
myiasis, dog, case report
Bonfante Garrido, R; Morillo, N.; and Torres, R., 1972 a
State of Lara, Venezuela

Callitroga macellaria
larvae, human eye, vision loss, case report
Sivaramasubramanyam, P.; and Sadanand, A. V., 1968 a, figs.
Madurai, India

Callopsylla Wagner, 1934
genus history, comparison with related genera
Lewis, R. E., 1971 b

Callopsylla (Orneacus) fusca sp. n.
+Carpoducus erythrinus (nest)
+Oreocincla dauma (nest)
+found on vegetation
Lewis, R. E., 1971 b, 761-763, 764, figs. 1-6
Sindhu-Palchok District, Nepal
"
Rasuwa District, Nepal

Callopsylla (Callopsylla) saxatilis (Ioff et Argyropoulo, 1934)
Microtus nivalis
Beaucournu, J.-C.; and Gilot, B., 1971 a
France

Callopsylla (Orneacus) waterstoni Jordan 1925
Beaucournu, J.-C., 1973 a
France

Callopsylla (Orneacus) waterstoni (Jordan)
+Delichon urbica urbica (nest)
Claassens, A. J. M., 1965 b
Ireland

Callopsylla waterstoni
Uchikawa, K., 1970 a
Nagano Prefecture

Caloglyphus sp.
[Passer montanus]
Shcherbinina, O. Kh.; and Kurbanova, D. B., 1969 a
Ashkhabad

Calypsarion gen. n.
Humes, A. G.; and Ho, J.-S., 1969 a, 877
tod: C. carinatum (Stock, 1968) [n. comb.]

Calypsarion carinatum (Stock, 1968) [n. comb.] (tod)
Humes, A. G.; and Ho, J.-S., 1969 a, 877

Calypsarion leprum n. sp.
Actinopyga miliaris
A. lecanora
A. mauritiana
Humes, A. G.; and Ho, J.-S., 1969 a, 877,878-880,881,882, 883,884, figs. 1-29
all from vicinity of Nosy Bé in northwestern Madagascar

Calypsarion sentosum sp. n.
Bohadschia marmorata
Humes, A. G.; and Ho, J.-S., 1969 a, 877,880,884,885,886, 887,888-889, figs. 30-56
vicinity of Nosy Bé in northwestern Madagascar

Cameronieta strandtmanni (Tibbetts, 1957)
Mormoops megalophylla (wing membranes)
Kingston, N.; Villa R., B.; and Lopez-Forment, W., 1971 a
Mexico

Cameronieta thomasi Machado-Allison, 1969
Pteronotus psilotis
P. davyi
P. rubiginosa
Macrotus waterhousii mexicanus
(wing membranes of all)
Kingston, N.; Villa R., B.; and Lopez-Forment, W., 1971 a
all from Mexico

Campanulotes bidentatus compar (Burmeister, 1838)
Columba livia
Brown, N. S., 1971 a
Boston

Campanulotes bidentatus compar
distribution on body of pigeon, oviposition and feeding behavior, role of host preening
Nelson, B. C.; and Murray, M. D., 1971 a

Campanulotes compar (Burm., 1838)
Columba livia domestica (Bürzel, Körperseiten)
Černý, V., 1970 a
Olomouc, ČSSR

Capitetragonia n. gen.
Bopyridae
Pearse, A. S., [1953 c], 233
tod: C. asperotibialis n. sp.

Capitetragonia asperotibialis n. gen., n. sp. (tod)
Crangon normanni (gill chambers)
Pearse, A. S., [1953 c], 234-235, figs. 122-13?
Alligator Harbor, Florida

Capromylichus g. n.
Atopomelidae
Fain, A., 1970 c, 289-290
tod: C. cubanus sp. n.

Capromylichus cubanus g. n., sp. n. (tod)
Capromys nana
Fain, A., 1970 c, 290
Cuba

Cardiodectes
Lernaeoceridae, key
Kabata, Z., 1972 a

Cardiodectes sp.
larval stages, morphological development, moulting, reproduction
Janthina globosa (within mantle cavity, gill lamellae)
Ho, J. S., 1966 c
West Indies

Cardiodectes cristatus sp. nov.
Diaphus glandulifer
Shiino, S. M., 1958 e, 80-82, fig. 3; pl. IV, fig. 3
Owase, Mie Prefecture

Cardiodectes longicervicus sp. nov.
Dasiscopelus asper
Shiino, S. M., 1958 e, 82-84, fig. 4; pl. IV, fig. 4
Owase Bay

Cardiodectes medusaeus (Wilson), 1908
Syn.: Lernaeenicus medusaeus, Wilson 1908
Diaphus glandulifer
Shiino, S. M., 1958 e, 75-80, figs., pl.
Owase, Mie Prefecture

Cardiodectes rotundicaudatus n. sp.
Suruga fundicola (near base of second dorsal fin)
Izawa, K., 1970 a, 219-223, figs. 2-3
off Kadone in Sagami Bay

Catallagia sp.
Peromyscus maniculatus
Allred, D. M., 1968 a
National Reactor Testing Station, Idaho

Catallagia borealis Ewing
Clethrionomys gapperi
Benton, A. H.; Larson, O. R.; and Van Huizen, B. A., 1971 a
Itasca State Park region, Minnesota

Catallagia borealis Ewing
Clethrionomys gapperi loringi
Buckner, C. H.; and Blasko, G. G., 1969 a
Manitoba

Catallagia borealis Ewing
Clethrionomys gapperi
Microtus pennsylvanicus
Blarina brevicauda
Synaptomys cooperi
Peromyscus leucopus
Holland, G.P.; and Benton, A. H., 1968 a
all from Pennsylvania

Catallagia decipiens
Dipodomys ordii
Eutamias minimus
Peromyscus maniculatus
Junco oreganus
Allred, D. M., 1968 a
all from National Reactor Testing Station, Idaho

Catallagia decipiens
Peromyscus maniculatus
Douglas, C. L., 1969 a, 493
Mesa Verde National Park, Colorado

Catallagia ioffi Scalon, 1950
Clethrionomys rutilus
Okuntsova, E. V.; Savitskiĭ, B. P.; and Voronov, G. A., 1970 a
Northern Sakhalin

Cavifera gen. nov.
Menoponidae
"probable hosts Columbiformes"
Clay, T.; and Price, R. D., 1970 b, 335
tod: C. abdita sp. nov.

Cavifera abdita gen. and sp. nov. (tod)
Clay, T.; and Price, R. D., 1970 b, 335, 336, 337-341, 342, 343, figs. 1-11; pl. 1, figs. A-G
Archbold Lake, Neth. New Guinea

Cavifera senta sp. n.
Ptilinopus bellus
Clay, T.; and Price, R. D., 1970 b, 335, 341-343, fig. 12 [labeled as C. abdita]
Kunupi, New Guinea

Cecrops latreillei Leach
Mola mola
Pristiurus ?
O'Riordan, C. E., 1966 a
Ireland: off Achill Is.
Ireland: Southwest coast

Cediopsylla inaequalis
Canis latrans
Lepus californicus
Lynx rufus
Peromyscus maniculatus
Sylvilagus idahoensis
Sylvilagus nuttallii
Allred, D. M., 1968 a
all from National Reactor Testing Station, Idaho

Cediopsylla inaequalis
Sylvilagus audubonii
Ryckman, R. E., 1971 a
California

Cediopsylla simplex (Baker)
Sylvilagus floridanus
Vulpes fulva
Urocyon cinereoargenteus
Sciurus carolinensis
Procyon lotor
Didelphis marsupialis
Holland, G.P.; and Benton, A. H., 1968 a
all from Pennsylvania

Cediopsylla simplex
Odocoileus virginianus
Kellogg, F. E.; Kistner, T. P.; Strickland, R. K.; and Gerrish, R. R., 1971 a
Georgia

Cediopsylla simplex (Baker)
Sylvilagus floridanus
Urocyon cinereoargenteus
Lynx rufus
Sylvilagus palustris
Layne, J. N., 1971 a
Alachua County, Florida
" " "
Highlands County, Florida
Nassau and Putnam Counties, Florida

Cediopsylla simplex
maturation on pregnant and nestling rabbits, ovary resorbtion on oestrous does
Rothschild, M.; and Ford, B., 1972 a

Cediopsylla simplex (Baker)
Sylvilagus floridanus alacer
Lepus californicus melanotis
Urocyon cinereoargenteus ocythous
Sylvilagus aquaticus aquaticus
Schiefer, B. A.; and Lancaster, J. L. (jr.), 1970 a
all from Arkansas

Cediopsylla simplex
Sylvilagus floridanus mallurus
S. palustris
Stringer, R. P.; Harkema, R.; and Miller, G. C., 1969 a
all from North Carolina

Cephalobaena tetrapoda Heymons, 1922
morphology, development, systematic position
von Haffner, K.; and Rack, G., 1971 a, figs.

Cephalopina titillator
camel
Minář, J.; and Povolný, D., 1971 a
Kandahar, Herat, Jalalabad

Cephenomyia. See Cephenemyia.

Cephenomyia [sp.]
Capreolus capreolus
Schweizer, R., 1949 a
Switzerland

Cephenomyia sp.
roe deer
Valentinčič, S.; Brglez, J.; and Dolžan, J., 1971 a

Cephenomyia auribarbis
key
Čepelák, J., 1971 a

Cephenemyia jellisoni Townsend
Odocoileus virginianus (pharnyx)
Hair, J. A.; Howell, D. E.; Rogers, C.E.; and Fletcher, J., 1969 a, fig.
Oklahoma

Cephenemyia phobifera
Odocoileus virginianus
Kellogg, F. E.; Kistner, T. P.; Strickland, R. K.; and Gerrish, R. R., 1971 a
Florida; Georgia; Louisiana; South Carolina; West Virginia

Cephenomyia stimulator
Capreolus capreolus
Bouvier, G., 1965 b
Switzerland

Cephenomyia stimulator
chevreuils
Bouvier, G.; Burgisser, H.; and Schneider, P. A., 1962 a
Switzerland

Cephenomyia stimulator
key
Čepelák, J., 1971 a, fig.

Cephenemyia trompe Modeer
no serological cross-reactions with Hypoderma bovis or Oedemagena tarandi, guinea pigs
Beesley, W. N.; and Breev, K. A., 1969 a

Cephenomyia trompe
Rangifer tarandus terraenovae
Bergerud, A. T., 1971 a
Newfoundland

Ceratophyllus [sp.] aff. riparius of Ioff and Starodumov, 1933
as syn. of Ceratophyllus avicitelli sp.n.
Ioff, I. G., 1949 a, 39

Ceratophyllus (Gerbillophilus) abramovi sp. n.
key
Meriones tamariscinus
M. erythrourus
Ioff, I. G., 1949 a, 44-45, 49, figs. 21-22
all from Kirgiz

Ceratophyllus advenarius bifallax Ioff et Scalon, 1950
Clethrionomys rufocanus
Rattus norvegicus
Clethrionomys rutilus
Okuntsova, E. V.; Savitskiĭ, B. P.; and Voronov, G. A., 1970 a
all from Northern Sakhalin

Ceratophyllus anisus Rothsch., 1907
Rattus norvegicus
Okuntsova, E. V.; Savitskiĭ, B. P.; and Voronov, G. A., 1970 a
Northern Sakhalin

Ceratophyllus (Amalaraeus) arvicolae
Microtus arvalis
Alaniia, I. I.; Dzneladze, M. T.; Rostigaev, B. A.; and Shirinovich, P. I., 1971 a
Adjarian ASSR

Ceratophyllus avicitelli sp. n.
Syn.: C. aff. riparius of Ioff and Starodumov, 1933
+Saxicola (nest)
+Oenanthe "
Citellus relictus
Ioff, I. G., 1949 a, 39-42, 193, figs. 19-20
all from Kirgiz

Ceratophyllus celsus
preserved in bat guano
Nelson, B. C., 1972 a
Lovelock Cave, Nevada (archaeological site)

Ceratophyllus celsus celsus Jordan
Petrochelidon pyrrhonota
Schiefer, B. A.; and Lancaster, J. L. (jr.), 1970 a
Arkansas

Ceratophyllus columbae (Gervais, 1844)
Syn.: Pulex columbae Gervais
Beaucournu, J.-C.; and Gilot, B., 1971 a, 47

Ceratophyllus columbae (Gervais)
Columba livia domestica
Roberts, C. J.[2], 1972 a
Lancashire, County Down, Great Britain

Ceratophyllus consimilis
biological control, fluoroacetamide and sodium fluoroacetate, chemosterilization
Alekseev, A. N.; Avdeeva, E. V.; Turov, I. S.; and Tokareva, T. G., 1971 a

Ceratophyllus consimilis Wagn.
standard cultivation, media
Ĭurgenson, I. A.; and Il'ina, S. V., 1970 a

Ceratophyllus farreni chaci
Uchikawa, K., 1970 a
Nagano Prefecture

Ceratophyllus farreni farreni N. C. Rothschild, 1905
Delichon urbica
Beaucournu, J.-C.; and Gilot, B., 1971 a
France

Ceratophyllus farreni farreni Rothschild
+Delichon urbica urbica (nest)
Claassens, A. J. M., 1965 b
Ireland

Ceratophyllus farreni farreni (Rothschild)
Delichon urbica
Roberts, C. J.[2], 1972 a
Lancashire, Great Britain

Ceratophyllus (Nosopsyllus) fasciatus
Rattus rattus
R. rattus alexandrinus
Rattus norvegicus
Mus musculus
Apodemus (Sylvimus) mystacinus
Microtus arvalis
M. (Pitymys) major
Apodemus (Sylvimus) sylvaticus
Alaniia, I. I.; Dzneladze, M. T.; Rostigaev, B. A.; and Shirinovich, P. I., 1971 a
all from Adjarian ASSR

Ceratophyllus fasciatus Bosc.
standard cultivation, media
Ĭurgenson, I. A.; and Il'ina, S. V., 1970 a

Ceratophyllus fasciatus Bosc., 1801
Rattus norvegicus
Okuntsova, E. V.; Savitskiĭ, B. P.; and Voronov, G. A., 1970 a
Northern Sakhalin

Ceratophyllus fasciatus
dog
Persson, L., 1973 a
Sweden

Ceratophyllus gallinae
girl
Allen, W. M.; and Clarkson, M. J., 1971 a
Denbighshire, Great Britain

Ceratophyllus gallinae
Turdus m. merula
Baum, H., 1968 a

Ceratophyllus gallinae (Schrank)
Homo sapiens
Fairley, J. S., 1970 a
Ireland

Ceratophyllus gallinae
Karbatox, domestic animals
Patyk, S.; Jasek, K.; and Buchalski, L., 1970 a

Ceratophyllus gallinae
dog
Persson, L., 1973 a
Sweden

Ceratophyllus gallinae
+Passer montanus (nest)
Tarasevich, L. N.; Tagil'tsev, A. A.; and Mal'kov, G. B., 1969 a
Omsk region, USSR

Ceratophyllus gallinae
wild birds, review
Turner, E. C. (jr.), 1971 a, fig.

Ceratophyllus gallinae
Sturnus vulgaris
Vincent, A. L., 1972 a
San Diego County, California

Ceratophyllus gallinae
eye, morphology, electron microscope
Wachmann, E., 1972 a, figs.

Ceratophyllus gallinae dilatus
Uchikawa, K., 1970 a
Nagano Prefecture

Ceratophyllus gallinae gallinae (Schrank)
+Delichon urbica urbica
+Riparia riparia riparia
(nests of all)
Claassens, A. J. M., 1965 b
all from Ireland

Ceratophyllus gallinae gallinae (Schrank)
Passer domesticus — Lancashire, Great Britain
Motacilla cinerea — " " "
Corvus corone — " " "
Gallus domesticus — " " "
Fringilla coelebs — Cheshire, Great Britain
Troglodytes troglodytes — " " "
Hirundo rustica — Yorkshire, Great Britain
Columba livia domestica — County Down, Great Britain
Felis catus — Lancashire, Great Britain
Roberts, C. J.[2], 1972 a

Ceratophyllus garei
Arvicola terrestris
Peus, F., 1970 a
Germany

Ceratophyllus garei (Rothschild)
Roberts, C. J.$^{2}_{3}$ 1972 a
Lagopus lagopus scoticus
Derbyshire, Great Britain
Aylesbury duck
Yorkshire, Great Britain

Ceratophyllus (Orneacus) geminus sp. n.
+Columba rupestris (nest)
+Pyrrhocorax (nest)
+Montifringilla (nest)
Ioff, I. G., 1949 a, 30-34, 197, figs. 9-10
all from Kirgiz

Ceratophyllus hilli Rothschild, 1904
as syn. of Pygiopsylla hilli (Rothschild, 1904)
Mardon, D. K.; and Dunnet, M., 1972 b

Ceratophyllus hirundinis (Curtis)
+Delichon urbica urbica (nest)
Claassens, A. J. M., 1965 b
Ireland

Ceratophyllus hirundinus Curtis
+Riparia riparia (nest)
Hess, A., 1924 a
Bern

Ceratophyllus hirundinis (Curtis)
Delichon urbica
Roberts, C. J.$^{2}_{3}$ 1972 a
Lancashire, Great Britain

Ceratophyllus idius Jordan & Rothschild
+Iridoprocne bicolor (nest)
Buckner, C. H.; and Blasko, G. G., 1969 a
Manitoba

Ceratophyllus idius
winter survival
Larson, O. R., 1972 a

Ceratophyllus idius
cold tolerance
Miller, D. H.; and Benton, A. H., 1970 a

Ceratophyllus ioffi Darskaja, 1949
Clethrionomys rutilus
Okuntsova, E. V.; Savitskiĭ, B. P.; and Voronov, G. A., 1970 a
Northern Sakhalin

Ceratophyllus laeviceps Wagn.
bactericidal factor, plague microbes
Alekseev, A. N.; Bibikova, V. A.; and Khrustselevskaia, N. M., 1969 a

Ceratophyllus laeviceps
survival, formed elements, host blood, flea intestine
Bibikova, V. A.; Sosunova, A. N.; Morozova, I. V.; and Fedorova, V. I., 1972 a

Ceratophyllus lari
+Larus argentatus smithsonianus (nest)
Main, A. J.; and Wallis, R. C., 1972 a
Ciboux Island (outer Bird Island) off Cape Breton, Nova Scotia

Ceratophyllus (Citellophilus) lebedewi princeps n. ssp.
Marmota caudata
M. baibacina
Ioff, I. G., 1949 a, 25-27, figs. 5-6
all from Kirgiz

Ceratophyllus lunatus lunatus Jordan et N. C. Rothschild, 1920
Mustela erminea
Beaucournu, J.-C.; and Gilot, B., 1971 a
France

Ceratophyllus niger
Sturnus vulgaris
Vincent, A. L., 1972 a
San Diego County, California

Ceratophyllus niger C. Fox
Aegolius acadicus
Woods, J. G., 1971 a
Ontario, Canada

Ceratophyllus olsufjevi
Uchikawa, K., 1970 a
Nagano Prefecture

Ceratophyllus penicilliger Joff.
Arvicola terrestris
Microtus oeconomus
Clethrionomys
[Micromys minutus]
[Rattus norvegicus]
Sorex
Igolkin, N. I., 1960 a
all from Ob River shore

Ceratophyllus penicilliger dissimilis Jord., 1938
Clethrionomys rutilus
C. rufocanus
Okuntsova, E. V.; Savitskiĭ, B. P.; and Voronov, G. A., 1970 a
Northern Sakhalin, all from

Ceratophyllus (Amalaraeus) penicilliger syrt ssp. n.
Cricetulus migratorius
Stenocranius gregalis
Alticola argentata
Ioff, I. G., 1949 a, 36, 37, 175, 178, 179, figs. 14, 18
all from Kirgiz

Ceratophyllus (Amalaraeus) penicilliger vallis ssp. n.
Silvimus silvaticus
Clethrionomys frater
Stenocranius gregalis
Alticola argentata
[Homo sapiens] (exper.)
Ioff, I. G., 1949 a, 36-37, 176, 177, 178, 179, 200, figs. 13, 17
all from Kirgiz

Ceratophyllus petrocheli-doni
preserved in bat guano
Nelson, B. C., 1972 a
Lovelock Cave, Nevada (archaeological site)

Ceratophyllus pullatus Jordan et N. C. Rothschild, 1920
Paridae
Beaucournu, J.-C.; and Gilot, B., 1971 a
France

Ceratophyllus rectangulatus Wahl.
Arvicola terrestris
Microtus oeconomus
Clethrionomys
[Micromys minutus]
[Rattus norvegicus]
[Mustela sibiricus]
Sorex
Igolkin, N. I., 1960 a
all from Ob River shore

Ceratophyllus riparius Jordan & Rothschild
+Progne subis (vacated house)
Buckner, C. H.; and Blasko, G. G., 1969 a
Manitoba

Ceratophyllus riparius riparius (Jordan and Rothschild)
Riparia riparia
Benton, A. H.; Larson, O. R.; and Van Huizen, B. A., 1971 a
Itasca State Park region, Minnesota

Ceratophyllus rusticus Wagner
+Delichon urbica urbica (nest)
Claassens, A. J. M., 1965 b
Ireland

Ceratophyllus rusticus (Wagner)
Delichon urbica
Roberts, C. J.$^{2}_{3}$ 1972 a
Lancashire, Great Britain

Ceratophyllus (Monopsyllus) sciurorum
Microtus arvalis
Apodemus (Sylvimus) sylvaticus
Sciurus persicus anomalus
Alaniia, I. I.; Dzneladze, M. T.; Rostigaev, B. A.; and Shiranovich, P. I., 1971 a
all from Adjarian ASSR

Ceratophyllus sokolovi Gershkovich, 1953
Clethrionomys rufocanus
Okuntsova, E. V.; Savitskiĭ, B. P.; and Voronov, G. A., 1970 a
Northern Sakhalin

Ceratophyllus styx jordani
+Riparia riparia riparia (nest)
+Delichon urbica urbica (nest)
Claassens, A. J. M., 1965 b
Ireland, all from

Ceratophyllus styx jordani (Smit)
Riparia riparia
Roberts, C. J., 1972 a
Lancashire, Great Britain

Ceratophyllus tamias Wagn. [Eutamias]
Igolkin, N. I., 1960 a
Ob River shore

Ceratophyllus tamias Wagn., 1927
Eutamias sibiricus
Okuntsova, E. V.; Savitskiĭ, B. P.; and Voronov, G. A., 1970 a
Northern Sakhalin

Ceratophyllus tesquorum
Citellus pygmaeus burrows, host aestivation
Mialkovskaia, S. A.; and Briukhanova, L. V., 1972 a
Dagestan

Ceratophyllus tesquorum
Vulpes vulpes
V. corsac
Tarasevich, L.N.; Tagil'tsev, A. A.; and Mal'kov, G. B., 1969 a
all from Omsk region, USSR

Ceratophyllus (Megabothris) turbidus
Rattus rattus
Mus musculus
Prometheomys schaposchnikovi
Microtus (Chionomus) nivalis
Apodemus (Sylvimus) mystacinus
Microtus (Chionomys) roberti
Cricetulus migratorius
Microtus arvalis
M. (Pitymys) major
Apodemus (Sylvimus) sylvaticus
Dyromys nitedula
Alaniia, I. I.; Dzneladze, M. T.; Rostigaev, B.A.; and Shiranovich, P. I., 1971 a
all from Adjarian ASSR

Ceratophyllus (C.) vagabundus alpestris Jordan 1926
Beaucournu, J.-C., 1973 a
France

Ceratophyllus walkeri Roths.
Arvicola terrestris
Microtus oeconomus
Clethrionomys
[Rattus norvegicus]
Sorex
Igolkin, N. I., 1960 a
all from Ob River shore

Ceratophyllus zethi Rothschild, 1904
as syn. of Pygiopsylla zethi (Rothschild, 1904)
Mardon, D. K.; and Dunnet, G. M., 1972 b, 71

Chaenopsylla spp. [i.e.?, Chaetopsylla spp.]
dog
Persson, L., 1973 a
Sweden

Chaetopsylla floridensis (I. Fox)
Layne, J. N., 1971 a
Florida

Chaetopsylla (Ch.) globiceps (Taschenberg, 1880)
Vulpes vulpes
Hinaidy, H. K., 1971 a, fig. 7a-c
Austria

Chaetopsylla globiceps Tasch.
Vulpes vulpes
V. corsac
+[Acrocephalus schoenobaenus] (nest)
Tarasevich, L.N.; Tagil'tsev, A. A.; and Mal'kov, G.B., 1969 a
all from Omsk region, USSR

Chaetopsylla gracilis sp. n.
phylogenetic affinities
Ochotona roylei
Lewis, R. E., 1971 c, 1344-1348, figs. 1-5
Nepal, Solukhumbu District, Khumjung; Mustang District, Muktinath

Chaetopsylla (Chaetopsylla) homoea N. C. Rothschild, 1906
Vulpes vulpes
Mustela nivalis ?
Beaucournu, J.-C.; and Gilot, B., 1971 a
France

Chaetopsylla lotoris (Stewart)
Procyon lotor
Mephitis mephitis
Vulpes fulva
Didelphis marsupialis
Holland, G.P.; and Benton, A. H., 1968 a
all from Pennsylvania

Chaetopsylla trichosa Kohaut
+[Acrocephalus schoenobaenus] (nest)
Tarasevich, L. N.; Tagil'tsev, A. A.; and Mal'kov, G. B., 1969 a

Chaetopsylla (Ch.) t. trichosa (Kohaut, 1903)
Vulpes vulpes
Hinaidy, H. K., 1971 a, fig. 7d
Austria

Charopinus dasyatis n. sp.
Dasyatis sabina (skin)
Pearse, A. S., [1953 c], 229-230, figs. 117-119
Alligator Harbor, Florida

Charopinus dubius T. Scott 1901
structure, attachment organ
Kabata, Z.; and Cousens, B., 1972 a, fig.

Chatia ochotona
Neotoma cinerea
Plecotus townsendii
Allred, D. M., 1970 d
all from Idaho Falls, Idaho

Cheiromelichus nov. gen.
Nycteriglyphinae
Fain, A., 1970 d, 8
tod: C. malayi n. sp.

Cheiromelichus malayi n. gen., n. sp. (tod)
Cheiromeles torquatus (membrane alaire, corps)
Fain, A., 1970 d, 8-10, figs. 5-6
Kepong, Selangor, Malaya

Cheladonta brevipalpis ghazvini ssp. n.
Meriones persicus
Rhombomys opimus
Vercammen-Grandjean, P.H.; Rohde, C. J. (jr.); and Mesghali, H., 1970 a, 773, 775, 782, fig. 15a-f
Ghazvin, Iran
Isfahan, Iran

Cheladonta costulata Willm., 1952
Apodemus sylvaticus
A. flavicollis
+A. agrarius (nests)
Microtus arvalis
Shluger, E. G.; and Vysotskaia, S. O., 1970 a, figs.
all from Transcarpathian region

Cheladonta iraniensis n. sp.
Meriones persicus
Vercammen-Grandjean, P. H.; Rohde, C. J. (jr.); and Mesghali, H., 1970 a, 773, 775, 782, fig. 16a-f
Ghazvin, Iran

Chelidomyia Rondani 1879
as syn. of Crataerina Olfers, 1816
Vanschuytbroeck, P., 1968 a, 3

Chelonibia patula (Ranzani)
Callinectes sapidus (carapace, appendages)
Pearse, A. S., [1953 c]
Alligator Harbor, Florida

Chelopistes meleagridis
turkey
Rafyi, A.; Alavi, A.; and Rak, H., 1969 b, fig.
Iran

Chenophila new genus
Syringophilidae, key
Kethley, J. B., 1970 a, 1, 2, 16, 37
tod: C. branta new sp.

Chenophila branta new gen., new sp. (tod)
Branta canadensis
Kethley, J. B., 1970 a, 1, 37, 38, 39, 40-41, fig. 22
Kensington Park, Oakland County, Michigan

Cheyletidae [sp.]
Tatera kempi
Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a
East cantonments, South Ghana

Cheyletiella
host specificity
Gething, M. A.; and Walton, G. S., 1972 a

Cheyletiella sp.
dogs (ear)
cats (ear)
Persson, L., 1973 a
all from Sweden

Cheyletiella sp.
Sturnus vulgaris
Vincent, A. L., 1972 a
San Diego County, California

Cheyletiella blakei
cat
Schillhorn van Veen, Tj. W.; and Barnes, H. J., 1973 a
northern Nigeria

Cheyletiella parasitivorax (Mégnin, 1878)
Oryctolagus cuniculus
do Amaral, V., 1971 a, fig. 1
Brasil

Cheyletiella parasitivorax
cat, dogs, increase in cases
Brockis, D. C., 1971 a

Cheyletiella parasitivorax (Megnin, 1878)
Oryctolagus cuniculus
de la Cruz, J., 1971 a
Cuba

Cheyletiella parasitivorax
possible specificity to rabbits
Gething, M. A.; and Walton, G. S., 1972 a

Cheyletiella parasitivorax
dog
Hutchison, J. A., 1972 a
Ottawa area

Cheyletiella parasitivorax
Oryctolagus cuniculus
Mead Briggs, A. R.; and Hughes, A. M., 1966 a
localities throughout Great Britain

Cheyletiella parasitivorax
determination of male, life cycle
rabbits
Pfeiffer, H., 1973 a, figs.
Austria

Cheyletiella parasitivorax
rabbits
Tomanović, B. A.; and Cvetković, L., 1972 a, figs.
Yugoslavia

Cheyletiella yasguri Smiley
man, dog, case report
Bakkers, E. J. M.; and Fain, A., 1972 a, fig.

Cheyletiella yasguri (Smiley 1965)
human prurigo parasitaria, family with pet dog, infested house, dog treated with derrisroot powder
van Bronswijk, J. E. M. H.; Jansen, L. H.; and Ophof, A. J., 1972 a, fig.
The Netherlands

Cheyletiella yasguri Smiley 1956
chien
Eghbali, A., 1973 a, figs.
Iran

Cheyletiella yasguri
egg albumen mounting medium, modified technique
Foxx, T. S.; and Ewing, S. A., 1972 a, figs.

Cheyletiella yasguri
dog
Fréchette, J.-L.; and Harrison, 1971 a, figs.
Canada

Cheyletiella yasguri
possible specificity to dogs
Gething, M. A.; and Walton, G. S., 1972 a

Cheyletiella yasguri Smiley 1965
[Canis familiaris]
Guilhon, J. C.; and Marchand, A., 1972 a, figs.
France

Cheyletiella yasguri Smiley, 1965
determination of male
dog
Pfeiffer, H., 1973 a, figs.
Austria

Cheyletiella yasguri
dog
Schillhorn van Veen, Tj. W.; and Barnes, H. J., 1973 a
northern Nigeria

Cheyletus sp.
Cricetomys gambianus
Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a
Tema periphery, South Ghana

Cheyletus sp.
Mastomys natalensis
Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a
Nungua-Tema, South Ghana

Cheyletus eruditus
Uchikawa, K., 1970 a
Nagano Prefecture

Cheyletus polymorphus Volg., 1949
[Gallus gallus]
Shcherbinina, O. Kh.; and Kurbanova, D. B., 1969 a
Ashkhabad

Chiastopsylla numae form rossi (Rothschild, 1904)
laboratory animals, merkaptotion, trichlorfon, piretrum
van Aswegen, P. I. M.; Hesse, P.; and Howell, C. J., 1971 a

Chiggers
man, bites, stings, dermatitis, clinical review, differential diagnosis
Frazier, C. A., 1968 a

Chiggers
survey, vectors of scrub typhus, rodent hosts
Traub, R.; and Wisseman, C. L. (jr.), 1968 b
West Pakistan

Chinchillophaga Emerson, 1964
key, description, Trimenoponidae
von Kéler, S., 1971 a

Chinchillophaga clayae Emerson, 1964
Dolichotis patagonum
von Kéler, S., 1971 a, fig.
London Zoo; South America

Chirodiscoides caviae (Hirts, 1917)
Cavia porcellus
de la Cruz, J., 1971 a
Cuba

Chirodiscoides caviae
guinea pigs
Wagner, J.E.; al-Rabiai, S.; and Rings, R. W., 1972 a, figs
Columbia, Missouri

Chirodiscoides cercomys sp. n.
Cercomys cunicularis laurentius
Fain, A., 1970 c, 286
San Lourenço, Brésil

Chirodiscoides didelphicola sp. n.
Didelphis azarae
Fain, A., 1970 c, 286-287
Rio Grande do Sul, Brésil

Chirodiscoides echimys sp. n.
Echimys thomasi
Fain, A., 1970 c, 287
Ile Sao Sebastiao, près de Bahia, Brésil

Chirodiscoides inglesi sp. n.
Dusicyon gymnocercus
Fain, A., 1970 c, 287
Pernambouc, Brésil

Chiroptella Vercammen-Grandjean, 1960
includes subgens.: Neosomia Vercammen-Grandjean & Nadchatram, 1965; Chiroptella Vercammen-Grandjean, 1960; Oudemansidium Vercammen-Grandjean & André, 1966
Vercammen-Grandjean, P. H.; and Langston, R. L., 1971 a

Chiroptella (Oudemansidium) aelleni (Vercammen-Grandjean, 1963) n. comb.
Vercammen-Grandjean, P. H.; and Langston, R. L., 1971 a, 448

Chiroptella (Oudemansidium) australis (Brennan, 1970) n. comb.
Vercammen-Grandjean, P. H.; and Langston, R. L., 1971 a, 448

Chiroptella (Oudemansidium) bulgarica (Dusbábek, 1964)
Vercammen-Grandjean, P. H.; and Langston, R. L., 1971 a, 448

Chiroptella (Oudemansidium) komareki (Daniel & Dusbábek, 1959)
Vercammen-Grandjean, P. H.; and Langston, R. L., 1971 a, 448

Chiroptella (Oudemansidium) mexicana (Ewing, 1937) n. comb.
Vercammen-Grandjean, P. H.; and Langston, R. L., 1971 a, 448

Chiroptella (Oudemansidium) muscae (Oudemans, 1906)
Pipistrellus pipistrellus
Sixl, W.; and Daniel, M., 1971 a
Osterreich

Chiroptella (Oudemansidium) muscae Oudemans, 1906
Pipistrellus pipistrellus
Sixl, W.; Daniel, M.; and Černý, V., 1972 a
Österreich

Chiroptella (Oudemansidium) myops (Vitzthum, 1931) n. comb.
Vercammen-Grandjean, P. H.; and Langston, R. L., 1971 a, 448

Chiroptella (Oudemansidium) natalensis (Lawrence, 1949) n. comb.
Vercammen-Grandjean, P. H.; and Langston, R. L., 1971 a, 448

Chiroptella (Oudemansidium) plecoti (Vercammen-Grandjean, 1963) n. comb.
Vercammen-Grandjean, P. H.; and Langston, R. L., 1971 a, 448

Chiroptella (Oudemansidium) subakamushi (Schluger, 1948)
Vercammen-Grandjean, P. H.; and Langston, R. L., 1971 a

Chiroptella (Oudemansidium) twentei (Loomis, 1954) n. comb.
Vercammen-Grandjean, P. H.; and Langston, R. L., 1971 a, 449

Chiropteropsylla brockmani Rothschild, 1915
Nycteris thebaica
Ribeiro, H., 1969 e, fig.
Angola

Chiroptonyssus haematophagus (Fonseca, 1935)
Molossus ater
Dusbábek, F., 1970 a
Vera Cruz, Mexico

Chiroptonyssus robustipes (Ewing, 1925)
Tadarida brasiliensis
Dusbábek, F., 1970 a
La Municion, Cuba

Chirorhynchobia g. n.
Chirorhynchobiidae fam. n.
Fain, A., 1967 p, 381
tod: C. urodermae sp. n.

Chirorhynchobia matsoni sp. n.
Anoura geoffroyi
Yunker, C. E., 1970 c, 151-153, figs. 1-4
Venezuela, Zulia, Novito

Chirorhynchobia urodermae g. n., sp. n. (tod)
Uroderma bilobatum
Fain, A., 1967 p, 381-382
Panama, Rio Ind.

Chirorhynchobiidae fam. nov.
includes: Chirorhynchobia g. n., type gen.
Fain, A., 1967 p, 381

Chirorhynchobiidae Fain, 1967
diagnosis amplified
Yunker, C. E., 1970 c

Chlamys Beneden, 1892
as syn. of Perissopus Steenstrup and Lütken, 1861
Cressey, R. F., 1967 a, 33

Chlamys incisus Beneden, 1892
as syn. of Perissopus dentatus Steenstrup and Lütken, 1861
Cressey, R. F., 1967 a, 35

Chondracanthus lepidionis sp. n.
Lepidion schmidti (gills)
Kabata, Z., 1970 d, 175, 179, 180-182, figs. 22-41
central Atlantic

Chondracanthus lophii Johnston
Lophius piscatorius (gill pouches)
O'Riordan, C. E., 1966 a
Ireland

Chondracanthus merluccii (Holten)
hake (mouth)
O'Riordan, C. E., 1966 a
Ireland: Bantry Bay

Chondracanthus zei de la Roche
Zeus faber (gill filaments)
O'Riordan, C. E., 1966 a
Ireland: Long Island sound; Davalaun, Co. Galway

Chonopeltis schoutedeni Brian
Gnathonemus moeruensis
Fryer, G., 1965 c
Lake Mweru, Pweto

Choriopsoroptes gen. n.
Psoroptidae; Psoroptinae
Sweatman, G. K.; Walker, J. B.; and Bindernagel, J. A., 1969 a, 1298-1310
mt: C. kenyensis gen. et sp. n.

Choriopsoroptes kenyensis gen. et sp. n. (mt)
Syncerus caffer (skin lesions)
Sweatman, G. K.; Walker, J. B.; and Bindernagel, J. A., 1969 a, 1298-1310, figs. 2-23,27,31,35,39,41,42
East African Veterinary Research Organization, Muguga, Kikuya, Kenya

[Chorioptes] gale chorioptique
chamois
Bouvier, G.; Burgisser, H.; and Schneider, P. A., 1962 a
Suisse

Chorioptes
Neguvon, cattle
Kubelka, D.; Kadić, S.; and Hujić, A., 1970 a

Chorioptes
mouton, dieldrin
Ramisse, J., 1962 a

Chorioptes bovis
goats
Griffiths, R. B.; Zamirdin, M.; and Tan Boon Eng, 1969 a
Selangor, Malaysia

Chorioptes bovis
dairy cattle
Ribbeck, R., 1972 a

Chorioptes bovis var. equi
horse, case report, lindane
Mirck, M. H., 1973 a

Chorioptes cuniculi
laboratory animals
van Aswegen, P. I. M.; Hesse, P.; and Howell, C. J., 1971 a

Chorioptes ovis
ovine, incidence, control
Ribbeck, R.; et al., 1973 a
Germany

Chrysomyia albiceps
Okulov, V. P., 1969 a
Crimean ASSR (Feodosia and its surroundings)

Chrysomya bezziana
human myiasis, Lorexane cream
McMillan, J. W., 1962 a
India

Ciconiicola gen. nov.
key
morphology, evolutionary trends
Lakshminarayana, K. V., 1970 a, 133, 137, 138
tod: C. kelloggi [n. comb.]

Ciconiicola kelloggi n. gen., [n. comb.] (tod)
Syn.: Laemobothrion kelloggi Bedford
Lakshminarayana, K. V., 1970 a, 133, 134, 135, 136, 137, 138, 139, figs.

Ciconiphilus decimfasciatus
Bubulcus ibis (neck, breast, wing feathers)
Dismukes, J. F.; Stuart, J. J.; and Dixon, C. F., 1972 a
Montgomery County, Alabama

Cimex hemipterus
natural and experimental infections with Wuchereria bancrofti
Gunawardena, K., 1972 a
Ceylon

Cimex hemipterus
Sumithion, poultry
Hegde, K. S.; Rahman, S. A.; Rajasekariah, G. R.; and Gowda, R. N. S., 1972 a

Cimex hemipterus
dieldrin resistant, controlled by pyrethrum
Smith, A.[2], 1963 a

Cimex hemipterus
insecticides
United States Department of Agriculture, Agricultural Research Service, Entomology Research Division, 1972 a

Cimex lectularius
chlorophos, sevin, dithiophos, methylnitrophos
Akhmetbekova, R.T.; and Iakunin, M. P., 1971 a

Cimex lectularius
laboratory animals, DDT, BHC, dieldrin, merkaptotion karbamate
van Aswegen, P. I. M.; Hesse, P.; and Howell, C. J., 1971 a

Cimex lectularius L.
mycetome, morphology, histochemistry, and ultrastructure and rickettsial symbiotes
Chang, K. P.; and Musgrave, A. J., 1973 a, pls.

Cimex lectularius
susceptibility to organophosphates and carbamate insecticides, experimental trials
Enan, O. H., 1969 a
Alexandria, Egypt

Cimex lectularius
malathion resistance. 2 strains
Feroz, M., 1971 a

Cimex lectularius
biological control, predatory mites
Frolov, B. A., 1971 a

Cimex lectularius
resistance to DDT and dieldrin
Gaaboub. I. A., 1971 a

Cimex lectularius
trichlormetaphos-3, Sevin, chlorophos, poultry
Gusev, V. F.; Speranskaia, V. N.; Mukhamedshin, R. A.; and Mukhamedshina, R. N., 1970 a

Cimex lectularius
prevalence survey, epidemiology, homes as ideal harborages, spread from home to home through social practices
Mekuria, Y., 1967 a
Ethiopia

Cimex lectularius
insecticides, susceptibility tests
Shalaby, A. M., 1970 a
Libya

Cimex lectularius
blood meals, size and frequency
Tawfik, M. S., 1968 a

Cimex lectularius
population density
Tawfik, M. S., 1969 a

Cimex lectularius
insecticides
United States Department of Agriculture, Agricultural Research Service, Entomology Research Division, 1972 a

Cimex lectularius lectularius L.
yolk nucleus, vitellogenesis
Sareen, M. L.; and Kapil, V. K., 1971 a

Cimex rotundatus
prevalence survey, epidemiology, homes as ideal harborages, spread from home to home through social practices
Mekuria, Y., 1967 a
Ethiopia

Cimicidae
vectors, virus, bats as reservoir hosts
Brès, P.; and Cornet, M., 1966 a
Senegal

Cirolana narica n. sp.
"believed to be a scavenger that entered blowhole post mortem"
Cephalorhynchus hectori (nasal tract)
Bowman, T. E., 1971 a, 107-111, figs. 1-22
Banks Peninsula, South Island, New Zealand

Citellophilus atallahi sp. n.
Alticola roylei
Rattus nitidus
Lewis, R. E., 1971 b, 761, 766-768, figs. 12-16
all from Dhorpatan, Dolpa District, Nepal

Citellophilus mygala sp. n.
Alticola roylei
mouse
Lewis, R. E., 1971 b, 761, 763, 765-766, figs. 7-11
Sindhu-Palchok District, and Nuwakot District, Nepal
Nuwakot District, Nepal

Clausomyzon gen. nov.
Ascomyzontidae; Ascomyzontinae subfam. n.
Giesbrecht, W., 1895 b, 177
mt: C. gracilicauda Brady [n. comb.]

Clausomyzon gracilicauda Brady [n. comb.] (mt)
Syns.: Cyclopicera gracilicauda Brady; Ascomyzon comatulae Rosoll
Giesbrecht, W., 1895 b, 177
British seas; Triest

Clavella sp.
Lepidion schmidti (anal fin)
Kabata, Z., 1970 d, figs.
region of Madeira

Clavella adunca (Strøm 1762)
structure, attachment organ
Kabata, Z.; and Cousens, B., 1972 a, fig.

Clavella stellata (Krøyer 1838)
structure, attachment organ
Kabata, Z.; and Cousens, B., 1972 a, fig.

Clavella uncinata (O. F. Müller)
cod
O'Riordan, C. E., 1966 a
Dublin Bay, Ireland

Clavella uncinata
age and sex of host, seasonal distribution, comparison of areas near Isle of Man, Odontogadus merlangus
Shotter, R. A., 1973 a

Clavellisa emarginata Krøyer, 1837
Syn.: C. ovalis (Krøyer, 1837) Wilson, 1915
Kabata, Z., 1973 a

Clavellisa ovalis (Krøyer, 1837) Wilson, 1915
as syn. of C. emarginata Krøyer, 1837
Kabata, Z., 1973 a

Clavellodes rugosa (Krøyer 1837)
structure, attachment organ
Kabata, Z.; and Cousens, B., 1972 a

Clavellopsis sp.
Leuresthes tenuis (mouth, pharynx)
Olson, A. C. (jr.), 1972 a
Mission Beach to Estero Beach

Clavellopsis longilamina Bere [i.e., ? longimana]
Mugil cephalus (gills)
Pearse, A. S., [1953 c]
Alligator Harbor, Florida

Clavisodalis gen. n.
Taeniacanthidae
Humes, A. G., 1970 a, 575
tod: C. heterocentroti sp.n.

Clavisodalis heterocentroti gen. n., sp. n. (tod)
Heterocentrotus trigonarius
Humes, A. G., 1970 a, 575-583, figs. 1-35
Eniwetok Atoll, Marshall Islands

Cnemidocoptes. See Knemidokoptes.

Cobboldia Brauer, 1887
Syns.: Rodhainomyia Bequaert, 1920; Platycobboldia Townsend, 1934; Bequaertomyia Séguy, 1937
Zumpt, F.K.E.; and Wetzel,H., 1970 a

Cobboldia chrysidiformis Rodhain and Bequaert, 1915
"adult only, larvae refer to C. roverei Gedoelst"
Syns.: Rodhainomyia chrysidiformis Zumpt, 1958 (adult only); R. roverei Zumpt, 1965 (adult only)
Loxodonta africana
Zumpt, F.K.E.; and Wetzel,H., 1970 a, fig.
Kruger National Park

Cobboldia elephantis (Steel)
Syns.: Oestrus elephantis Steel, 1878; Gastrophilus elephantis Cobbold, 1882; Cobboldia elephantis Brauer, 1887
Zumpt, F.K.E.; and Wetzel, H., 1970 a

Cobboldia elephantis africani seu loxodontis Brauer, 1897
as syn. of C. loxodontis Brauer
Zumpt, F.K.E.; and Wetzel,H., 1970 a

Cobboldia loxodontis Brauer
description
Syns.: Cobboldia elephantis africani seu loxodontis Brauer, 1897; C. loxodontis Roubaud, 1914; Platycobboldia loxodontis Zumpt, 1958; Cobboldia parumspinosa Gedoelst, 1915
Loxodonta africana
Zumpt, F.K.E.; and Wetzel, H., 1970 a, figs.
Kruger National Park

Cobboldia parumspinosa Gedoelst, 1915
as syn. of C. loxodontis Brauer
Zumpt, F.K.E.; and Wetzel,H., 1970 a

Cobboldia roverei Gedoelst 1915
"3rd larval stage known only"
Syns.: Rodhainomyia roverei Zumpt, 1965; R. chrysidiformis Rodhain and Bequaert, 1915
+Loxodonta africana
Zumpt, F.K.E.; and Wetzel,H., 1970 a, fig.

Cochliomyia hominivorax
chemosterilization, review
Berndt, K.-P., 1970 a

Cochliomyia hominivorax (Coquerel)
chemosterilization, N,N'-tetramethylenebis(1-aziridinecarboxamide)
Crystal, M. M., 1971 a

Cochliomyia hominivorax
chemosterilization, negligible residues
Crystal, M. M., 1971 b

Cochliomyia hominivorax
photoperiodicity, mating behavior
Crystal, M. M., 1971 c

Cochliomyia hominivorax
chemosterilization by immersion, N, N'-tetramethylenebis (1-aziridinecarboxamide), effect on survival, reproduction, and hatch
Crystal, M. M., 1971 d

Cochliomyia hominivorax
chemosterilization, modified by temperature
Crystal, M. M., 1973 a

Cochliomyia hominivorax
15 chemosterilants
DeMilo, A. B.; and Crystal, M. M., 1972 a

Cochliomyia hominivorax
screening protein and sugar attractants, multiple-choice olfactometer
DeVaney, J.A.; Eddy, G. W.; Lopez, E.; and Handke, B. D., 1971 a

Cochliomyia hominivorax
human myiasis, wound infestation, public health importance
Fox, I.; et al., 1965 a, figs.
Puerto Rico

Cochliomyia hominivorax
media for mass-rearing larvae
Gingrich, R. E.; Graham, A. J.; and Hightower, B. G., 1971 a

Cochliomyia hominivorax (Coquerel)
rearing, light, periodicity, sterile-male release
Hightower, B.G.; Spates, G.E. (jr.); and Baumhover, A.H., 1971 a

Cochliomyia hominivorax
in fresh wounds on sheep, growth, age, weight, pupation, reproduction
Hightower, B.G.; Spates, G.E. (jr.); and Garcia, J.J., 1972 a

Cochliomyia hominivorax Coquerel, 1858
larva, man, ear, chronic mastoiditis
Olguin P., H.; Miranda C., H.; and Ibañez H., N., 1961 a, figs.
Peru

Cochliomyia hominivorax
17 chemosterilants
Oliver, J. E.; and Crystal, M. M., 1972 a

Cochliomyia hominivorax
chemosterilants
Terry, P. H.; and Crystal, M. M., 1972 a

Cochliomyia hominivorax
control, treatment, review, recommendations
Thornton, J. E., 1972 a

Cochliomyia macellaria
insecticides, screening
Drummond, R. O.; Darrow, D. I.; and Gladney, W. J., 1971 a

Cochliomyia macellaria
man (rectum, perianal region)
Fox, I.; and Rodríguez-Torréns, R., 1972 a, figs.
Puerto Rico

Colicus johnsoni (Yunker and Brennan, 1964)
Oryzomys capito
Proechimys sp.
Brennan, J. M., 1970 e
all from Bolivia

Colicus kunsi (Yunker and Brennan, 1964)
Proechimys sp.
Zygodontomys sp.
Brennan, J. M., 1970 e
all from Bolivia

Colinoptes cubanensis Fain 1960
Colinus virginianus
Pence, D. B., 1972 e
Mandeville, Louisiana

Collocherides astroboae Stock, 1971
Astroboa nuda
Humes, A. G., 1973 a
between Pte Lokobe, Nosy Bé and N sy K mba, Madagascar

Colobomatus embiotocae n. sp.
(mucous canals of all)
Amphistichus argenteus
Noble, E. R.; Collard, S. B.; and Wilkes, S. N., 1969 a, 435-442, figs. 1-15
Point Conception, Gaviota State Beach Pier, Malibu Beach, California

A. koelzi
Gaviota State Beach Pier, California

Cymatogaster aggregata
Goleta, California

Embiotoca lateralis
Point Conception, California

Hyperprosopon argenteum
Goleta, California

Hypsurus caryi
" "

Micrometrus minimus
" "

Rhacochilus toxotes
" "

R. vacca
Malibu Beach, California

Coloceras sofioticus Eichler, 1950
Streptopelia d. decaocto
Černý, V., 1970 a
Olomouc, ČSSR
(Körperseiten, Bauch)

Colpocephalum sp.
Buteo lagopus
Keymer, I. F., 1972 a

Colpocephalum sp.
[Passer montanus]
Shcherbinina, O. Kh.; and Kurbanova, D. B., 1969 a
Ashkhabad

Colpocephalum angulaticeps
Fregata minor
Tendeiro, J., 1958 f, fig., pl.
Mozambique

Colpocephalum apivorus n. sp.
Pernis apivorus apivorus
Tendeiro, J., 1958 g, 83, 89-92, 110, figs. 3-5, photos 5-6
Angola

Colpocephalum cucullare Giebel
Sagittarius serpentarius
Tendeiro, J., 1958 f, pl. 1
Mozambique

Colpocephalum decimfasciatus (Boisduval et Laccordaire, 1836)
Ardea alba
Ardea cinerea
Shcherbinina, O. Kh., 1969 a
all from Turkmenia

Colpocephalum ignotum n.sp.
Centropus superciliosus burchelli
Hirundo s. smithi
Tendeiro, J., 1958 f, 223, 225-227, fig. 1, pl. 2, photos 3-4
all from Mozambique

Colpocephalum matosi n. sp.
Ibis ibis
Tendeiro, J., 1958 g, 83, 92-95, 110, figs. 8-9, photos 7-8
Angola; Guinée Portugaise

Colpocephalum subaequale (Burmeister, 1838)
[Corvus f. frugilegus]
Shcherbinina, O. Kh.; and Kurbanova, D. B., 1969 a
Ashkhabad

Colpocephalum turbinatum in vitro rearing, 16 months
Nelson, B. C., 1971 a

Colpocephalum turbinatum distribution on body of pigeon, oviposition and feeding behavior, role of host preening
Nelson, B. C.; and Murray, M. D., 1971 a

Columbicola columbae (Linnaeus, 1758)
Columba livia
Brown, N. S., 1971 a
Boston

Columbicola columbae distribution on body of pigeon, oviposition and feeding behavior, role of host preening
Nelson, B. C.; and Murray, M. D., 1971 a

Columbicola columbae
domestic pigeon
wild pigeon
Rafyi, A.; Alavi, A.; and Rak, H., 1969 b, fig.
all from Iran

Columbicola columbae Linnaeus, 1758
[Columba livia
Shcherbinina, O. Kh.; and Kurbanova, D. B., 1969 a
Ashkhabad

Columbicola columbae (L.)
Columba livia domestica
Tendeiro, J., 1958 g, fig.
Angola

Columbicola columbae bacillus (Giebel, 1866)
Streptopelia d. decaocto
Černý, V., 1970 a
Olomouc, CSSR

Columbicola columbae columbae (L., 1758)
Columba livia domestica
Černý, V., 1970 a
Olomouc, ČSSR

Columbicola tschulyschman Eichler
Columba livia
Ardalan, A., 1971 a
Shafi-abad, Kerman province, Iran

Comyoptes n. subg.
subgen. of Myocoptes Claparède, 1869
Fain, A., 1970 a, 3
tod of subgen.: K. (C.) verrucosus n. sp.

Congocoptes sp.
Dendrocopos pubescens
Pence, D. B., 1972 e
Laplace, Louisiana

Congocoptes dryocopi sp. n.
Dryocopus pileatus
Pence, D. B., 1972 e, 1170, 1171, 1172, 1174, figs. 1-10
Laplace, Louisiana

Congocoptes furmani Fain, 1956
Centurus carolinus
Pence, D. B., 1972 e
Laplace and Mandeville, Louisiana

Congocoptes sphyrapicicola sp. n.
Sphyrapicus varius
Pence, D. B., 1972 e, 1170, 1173, 1174, 1176, figs. 11-20
Covington and Mandeville, Louisiana

Conorhinopsylla nidicola Jellison
Neotoma floridana
Schiefer, B. A.; and Lancaster, J. L. (jr.), 1970 a
Arkansas

Conorhinopsylla stanfordi Stewart
Glaucomys sp.
Peromyscus sp.
Tamiasciurus hudsonicus
Holland, G.P.; and Benton, A. H., 1968 a
all from Pennsylvania

Conorhinopsylla stanfordi Stewart
Sciurus niger rufiventer
Schiefer, B. A.; and Lancaster, J. L. (jr.), 1970 a
Arkansas

Conostoma ellipticum
Giesbrecht, W., 1895 b

Coorilla gen. n.
Ischinopsyllidae
Dunnet, G. M.; and Mardon, D. K., 1973 a, 3
tod: C. longictena n. g., n. sp.

Coorilla longictena n. gen., n. sp. (tod)
Tadarida planiceps
Nyctinomus
Tadarida norfolkensis
Dunnet, G. M.; and Mardon, D. K., 1973 a, 3-10, figs. 1-10
3 miles from St. Albans, Macdonald River, New South Wales
" " "
Tooloom, New South Wales

Coptopsylla Jordan & Rothschild, 1908
taxonomic and biogeographic summary
key to Iranian species
includes: C. mofidii; C. l. lamellifer; C. lamellifer rostrata; C. l. dubinini; C. bairameliensis; C. iranica; C. mesghalii
Farhang-Azad, A., 1972 a, figs.

Cordiseta mexicana (Hoffmann)
Heteromys gaumeri
Peromyscus yucatanicus
Loomis, R. B., 1969 a
Yucatan Peninsula, Mexico, all from

Cordylobia anthropophaga (Blanchard)
human furuncular myiasis, clinical aspects, differential diagnosis from C. rodhaini
Günther, S. H., 1967 b, fig.
Lambarene/Equatorial-Africa

Cordylobia anthropophaga (Blanchard)
myiasis, man, epidemiology, transmission by dogs
Günther, S. H., 1968 a
Equatorial Africa

Cordylobia anthropophaga
Arvicanthis niloticus
Cricetomys gambianus
Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a
East cantonment, South Ghana
Tema periphery, South Ghana

Cordylobia anthropophaga
human
Rice, P. L.; and Gleason, N., 1972 a, figs.
United States (Maine; Michigan), recently returned from East African trips

Cordylobia anthropophaga
case reports, human (skin)
Soliman, K. N.; and Zein-El Din, M., 1964 a, figs.
Ghana, Mali, Sierra Leone

Cordylobia anthropophaga
white male (cutaneous lesion)
Sperzani, G. L., 1965 a, figs. 2-4
Italy (visited Ghana)

Cordylobia rodhaini (Gedoelst)
human furuncular myiasis, clinical aspects, differential diagnosis from C. anthropophaga
Günther, S. H., 1967 b, fig.
Lambarene/Equatorial-Africa

Coregonicola baicalensis Koryakov 1951
structure, attachment organ
Kabata, Z.; and Cousens, B., 1972 a, fig.

Coregonicola orientalis Markevich and Bauer 1950
structure, attachment organ
Kabata, Z.; and Cousens, B., 1972 a

Corrodopsylla barrerai
new species
Sorex sp.
Traub, R.; and Evans, T. M., 1967 b, 603, 637-641, figs. 57-61
Mexico: Guerrero, Omiltemi

Corrodopsylla curvata curvata
Sorex cinereus
Benton, A. H.; Larson, O. R.; and Van Huizen, B. A., 1971 a
Itasca State Park region, Minnesota

Corrodopsylla c. curvata (Rothschild)
Blarina brevicauda
Holland, G.P.; and Benton, A. H., 1968 a
Pennsylvania

Corrodopsylla curvata curvata (Rothschild)
Sorex cinereus
S. arcticus
Woods, C. E.; and Larson, O. R., 1971 a
all from Grand Forks Co., North Dakota

Corrodopsylla hamiltoni (Traub)
Cryptotis parva
Layne, J. N., 1971 a
Alachua County, Florida

Corrodopsylla hamiltoni (Traub)
Cryptotis parva parva
Schiefer, B. A.; and Lancaster, J. L. (jr.), 1970 a
Arkansas

Corrodopsylla hamiltoni
Blarina brevicauda
Cryptotis parva
Whitaker, J. O. (jr.); and Mumford, R. E., 1972 a
all from Indiana

Corycaeidae, Thorell
includes: Corycoeus, Dana (1845); Monstrilla, Dana (1848)
Brady, G. S., 1880 a, 32

Corycaeus, Dana (1845)
Corycaeidae
Brady, G. S., 1880 a, 32-34
British Isles

Corycaeus anglicus, Lubbock
Syn.: C. germanus, Leuckart
Brady, G. S., 1880 a, 34-36, pl. LXXXI, figs. 16-19 (missing from W[a] copy); pls. LXXXIII, figs. 11-15; LXXXIV, figs. 10-14
British Isles

Corycaeus germanus, Leuckart
as syn. of C. anglicus, Lubbock
Brady, G. S., 1880 a, 34

Cosarcoptes Fain, 1968
as syn. of Prosarcoptes Lavoipierre, 1960
Lavoipierre, M. M. J., 1970 a, 379

Cosmiomma
infra-internal bristles of palps, morphology, location number
Senevet, G., 1970 a

Cosmolaelaps sp.
Mus musculus
Davydov, G.S.; and Morozova, I.V., 1970 a
Tadzhikistan

Cosmolaelaps diversichaetatus Grochovskaya et Nguyen-Xuan-Hoe, 1961
Okereke, T.A., 1970 a
Nigeria

Cosmolaelaps gurabensis (Fox, 1946)
Citellus fulvus
Spermophilus leptodactylus
Davydov, G.S.; and Morozova, I.V., 1970 a
all from Tadzhikistan

Cosmolaelaps gurabensis
[Meriones erythrourus]
[Cricetulus migratorius]
Davydov, G.S.; and Morozova, I.V., [1971 a]
all from western Tadzhikistan

Craneopsylla minerva wolffhuegeli (Rothschild)
Didelphis crassicaudata
Microcavia a. australis
Phyllotis (Graomys) g. griseoflavus
Giménez, D.F.; Ciccarelli, C. A.; and de la Barrera, J. M., 1964 a
Argentina, all from

Craspedonirmus colymbinus (Denny, 1842)
Colymbus stellatus
Timmermann, G., 1950 a, fig.
Iceland

Craspedorrhynchus melittoscopus (Nitzsch, 1874)
Pernis apivorus apivorus
Tendeiro, J., 1958 b, figs.
Angola

Craspedorrhynchus robusti-setosus sp. n.
Terathopius ecaudatus
Tuff, D. W., 1970 c, 216-220, figs. 1-6
National Zoo, Washington (from Africa)

Crassicimex Ferris et Usinger
Cacodminae, key
Bernard, M. R., 1970 a

Crataerina Olfers, 1816
Syns.: Stenepteryx Leach, 1817; Oxypterum Leach, 1817; Chelidomyia Rondani 1879
Vanschuytbroeck, P., 1968 a, 3

Crataerina hirundinis
Uchikawa, K., 1970 a
Nagano Prefecture

Crataerina hirundinis Linné, 1758
synonymy
Vanschuytbroeck, P., 1968 a, 4
Allemagne, Audergher

Crataerina pallida (ou melbae?)
+Apus melba (nest)
Codourey, J.; and Blanc, T., 1962 a
Fribourg

Crataerina pallida Latreille, 1812
synonymy
Vanschuytbroeck, P., 1968 a, 4
région paléarctique

Creagonycha new genus
Syringophilidae, key
Kethley, J. B., 1970 a, 1, 2, 17, 34, 35
tod: C. lara new sp.

Creagonycha lara new gen., new sp. (tod)
Larus delawarensis
Kethley, J. B., 1970 a, 1, 34, 36-37, figs. 20-21
Coffee Bluff, Chatham County, Georgia

Creagonycha totana (Oudemans) new comb.
Syn.: Syringophilus totani Oudemans, 1904
Kethley, J. B., 1970 a

Creopelates gen. nov.
Lernaeidae
Shiino, S. M., 1958 e, 92
tod: C. floridus sp. nov.

Creopelates
Lernaeoceridae, key
Kabata, Z., 1972 a

Creopelates floridus sp. nov. (tod)
Zalanthias azumanus
Shiino, S. M., 1958 e, 92-96, figs. 10-11; pl. V, fig. 3
near Hayama, Sagami Bay

Criniscansor congolensis nov. spec.
Thamnomys rutilans (pattes postérieures)
Fain, A., 1970 a, 32-33, figs. 28-29
Doruma, Uele, Congo

Criniscansor deomys nov. spec.
Deomys ferrigineus christyi (base des poils du dos)
Fain, A., 1970 a, 30-31, fig. 27
Parc National Albert, Congo

Crickeron quinta (Domrow and Baker)
morphological peculiarities, ontogenetical development
Volgin, V. I., 1966 c, fig. 1

Crivellia Grunin (1956)
as syn. of Przhevalskiana Grunin
Wetzel, H., 1972 a

Crivellia corinnae (Crivelli)
as syn. of Przhevalskiana corinnae (Crivellia)
Wetzel, H., 1972 a

Crivellia silenus
control. review
Breev, K. A., 1971 a

Crivellia silenus
temperature variation in larvae
Nogge, G., 1973 a

Crivellia silenus
as syn. of Przhevalskiana silenus (Brauer)
Wetzel, H., 1972 a

Crocidurobia blairi (Radford, 1936)
Crocidura musculo
Beron, P., 1971 a
France

Crocidurobia michaeli (Poppe, 1896)
Crocidura suaveolens
Beron, P., 1971 a
France

Crotiscus desdentatus tissoti Fauran, 1960
Proechimys guyannensis
Brennan, J. M.; and Lukoschus, F. S., 1971 a
Surinam

Crustacea
commensal and parasitic, abstract of report
Gooding, R. U.; et al., 1969 a

Crypticula n. subgen.
key to species
includes: Microtrombicula diabola n. sp.; M. wrenni; M. nasalis; M. ornata; M. merrihewi; M. miniopteri; M. pipistrelli; M. loomisi; M. kyongkiensis
Webb, J. P. (jr.); and Loomis, R. B., 1970 a, 662
tod: Microtrombicula (Crypticula) merrihewi

Cryptochondria gen. n.
Chondracanthidae
Izawa, K., 1971 a, 179-180
tod: C. tricaudata sp. n.

Cryptochondria tricaudata gen. and sp. n. (tod)
Scorpaena neglecta (inner side, pectoral fin)
Izawa, K., 1971 a, 179, 180-184, figs. 1-18
off Jōgashima, Sagami Bay

Cryptonyssus sp.
Eptesicus fuscus
Dusbábek, F., 1970 a
El Beral, Cuba

Ctenocephalides canis
Rattus norvegicus
Alaniia, I. I.; Dzneladze, M. T.; Rostigaev, B. A.; and Shiranovich, P. I., 1971 a
Adjarian ASSR

Ctenocephalides canis
dogs
Baker, K. P.; and Hatch, C., 1972 a
Dublin

Ctenocephalides canis
Canis familiaris
Vulpes vulpes
Berlinguer, G., 1964 a
all from Italy

Ctenocephalides canis
+domestic rodents
Chandrahas, R. K.; and Krishnaswami, A. K., 1971 b
India

Ctenocephalides canis
papular urticaria, child, DDT
Dickey, R. F., 1967 a, fig.
case report, clinical review,

Ctenocephalides canis (Curtis)
Canis familiaris
Vulpes vulpes
Fairley, J. W., 1970 a
all from Ireland

Ctenocephalides canis (Curtis, 1826)
Vulpes vulpes
Hinaidy, H. K., 1971 a
Austria

Ctenocephalides canis (Curtis)
Urocyon cinereoargenteus
Holland, G.P.; and Benton, A. H., 1968 a
Pennsylvania

Ctenocephalides canis (Curtis)
Layne, J. N., 1971 a
Florida

Ctenocephalides canis
dogs
Persson, L., 1973 a
Sweden

Ctenocephalides canis (Curtis, 1826)
Canis familiaris
Ribeiro, H., 1969 a figs.
Luanda, Angola

Ctenocephalides canis (Curtis)
Canis familiaris
Homo sapiens
Roberts, C. J.[2], 1972 a
all from Lancashire, Great Britain

Ctenocephalides canis (Curtis)
Canis familiaris
Schiefer, B. A.; and Lancaster, J. L. (jr.), 1970 a
Arkansas

Ctenocephalides canis
vector, human diseases
Siddiqi, A. A., 1971 a

Ctenocephalides canis (Curtis, 1826)
Bolfo, dogs
Stampa, S., 1970 a

Ctenocephalides canis
"should be deleted from the list of Siphonaptera for Micronesia"
Wilson, N. A., 1972 a

Ctenocephalides felis
Rattus norvegicus
Rattus rattus alexandrinus
Mus musculus
Alaniia, I. I.; Dzneladze, M. T.; Rostigaev, B. A.; and Shiranovich, P. I., 1971 a
all from Adjarian ASSR

Ctenocephalides felis
dogs
Baker, K. P.; and Hatch, C., 1972 a
Dublin

Ctenocephalides felis (Bouché)
Dusicyon gymnocercus antiquus
Bischoff de Alzuet, A. D., [1971 a], fig.
Provincia de Buenos Aires

Ctenocephalides felis
Tatera indica
Chandrahas, R. K.; and Krishnaswami, A. K., 1971 a
Kolar, India

Ctenocephalides felis
+domestic rodents
Chandrahas, R. K.; and Krishnaswami, A. K., 1971 b
India

Ctenocephalides felis
papular urticaria, man, clinical review, DDT
Dickey, R. F., 1967 a

Ctenocephalides felis (Bouché)
Layne, J. N., 1971 a

Didelphis marsupialis	Alachua and Highlands Counties, Florida
Sylvilagus floridanus	Alachua County, Florida
Urocyon cinereoargenteus	" " "
Canis familiaris	" " "
Felis catus	Highlands County, Florida
Lynx rufus	" " "
Acinonyx juabatus	Marion County, Florida
Cryptotis parva	Sumter County, Florida
Homo sapiens	Alachua and Highlands Counties, Florida

Ctenocephalides felis
Rattus r. frugivorus
R. norvegicus
Mahdi, A.H.; Arafa, M. S.; and Ismail, S. M., 1971 a
all from Tahrir Province, Egypt

Ctenocephalides felis
Mephitis mephitis
Spilogale putorius
Mead, R. A., 1963 a
all from Sacramento Valley, California

Ctenocephalides felis
Oryctolagus cuniculus forma domestica
Peus, F., 1970 a
Germany

Ctenocephalides felis
Felis pardus
Rajasekariah, G. R.; et al., 1971 a
area of Anekal

Ctenocephalides felis
Rattus norvegicus
Rattus rattus alexandrinus
Rattus rattus frugivorus
Mus musculus
Acomys cahirinus
Rifaat, M. A.; Mahdi, A. H.; and Arafa, M. S., 1969 b
all from Egypt

Ctenocephalides felis (Bouché)
Mephitis mephitis mesomelas
Didelphis marsupialis virginiana
Rattus norvegicus norvegicus
Spilogale putorius interrupta
Canis familiaris
Felis domestica
Urocyon cinereoargenteus ocythous
Odocoileus virginianus
Schiefer, B. A.; and Lancaster, J. L. (jr.), 1970 a
all from Arkansas

Ctenocephalides felis
vector, human diseases
Siddiqi, A. A., 1971 a

Ctenocephalides felis damarensis Jordan, 1936
Civettictis civetta
Herpestes (Mionax) cauui
Genetta genetta pulchra
Lepus crawshayi
Vulpes chama
Heterohyrax welwitschii
Helogale parvula
Canis adustus adustus
Otolemur crassicauda monteiri
Genetta genetta
Ichneumia albicauda
Ribeiro, H., 1969 a, fig.
all from Angola

Ctenocephalides felis felis
Vulpes vulpes
Berlinguer, G., 1964 a
Rome, Italy

Ctenocephalides felis felis
Canis familiaris
Fairley, J. W., 1970 a
Ireland

Ctenocephalides f. felis (Bouché)
Canis familiaris
Felis domesticus
Lynx rufus
Procyon lotor
Holland, G.P.; and Benton, A. H., 1968 a
all from Pennsylvania

Ctenocephalides felis felis
epidemiology, rickettsial diseases, compared with Pulex irritans, Xenopsylla cheopis (1966-67)
Issa, G. I.; and Salit, A. M., 1969 a
Talbiya Village, Giza Governorate, U. A. R.

Ctenocephalides felis felis (Bouché)
Canis familiaris
Quackenbush, R. E., 1971 a
Grout Pond, Windham County, Vermont

Ctenocephalides felis felis (Bouché)
Felis catus
Homo sapiens
Canis familiaris
Roberts, C. J.[2], 1972 a
all from Lancashire, Great Britain

Ctenocephalides felis felis (Bouché)
dogs
cats
houserats
man
Romer, J. D., 1955 a
all from Hong Kong

Ctenocephalides felis felis (Bouché, 1835)
Bolfo, dogs
Stampa, S., 1970 a

Ctenocephalides f. felis B.
larva, diet
Strenger, A., 1973 a, figs.

Ctenocephalides felis felis
Guam
Wilson, N. A., 1972 a

Ctenocephalides felis orientis
Sumithion
poultry, hybrid Rani Shaver birds
Jagannath, M. S.; et al., 1972 a
Mysore State

Ctenocephalides felis strongylus
Hyemoschus aquaticus
Beaucournu, J. C., 1966 d
Gabon

Ctenocephalides felis strongylus
seasonal distribution
Lepus capensis
L. crawshayi
Flux, J. E. C., 1972 a
all from Kenya

Ctenocephalides orientis
goat
Mustaffa-Babjee, A., 1969 a
Malaysia

Ctenocephalides orientis
Wilson, N. A., 1972 a
Guam

Ctenophthalminae
Hystrichopsyllidae, key
Hopkins, G. H. E.; and Rothschild, M., 1966 a, 9, 129

Ctenophthalmus agyrtes
Talpa europaea
Sorex araneus
S. minutus
S. alpinus
Neomys fodiens
Crocidura russula
C. leucodon
Oryctolagus cuniculus
Citellus citellus
Glis glis
Cricetus cricetus
Clethrionomys glareolus
Microtus agrestis
M. arvalis
M. nivalis
M. oeconomus
Arvicola terrestris
Pitymys subterraneus
P. bavaricus
Apodemus flavicollis
A. sylvaticus
A. agrarius
Mus musculus
Rattus rattus
R. norvegicus
Peus, F., 1970 a
all from Germany

Ctenophthalmus agyrtes Hell.
Sorex minutus
Neomys anomalus
Talpa europaea
Pinchuk, L. M., 1968 a
all from Moldavia

Ctenophthalmus agyrtes fennicus Peus
Microtus agrestis, flea infestation affected by sex, weight, season
Ulmanen, I., 1971 a

Ctenophthalmus agyrtes impavidus
infectivity, altitude, seasonal distribution
Crocidura suaveolens
Neomys anomalus milleri
Sorex araneus
Pitymys subterraneus
Microtus agrestis
M. nivalis
Clethrionomys glareolus
Apodemus sp.
A. sylvaticus
A. flavicollis
Mahnert, V., 1972 a
all from Tirol, Austria

Ctenophthalmus agyrtes romanicus n. ssp.
Apodemus sylvaticus
Microtus arvalis
Arvicola terrestris
Pitymys subterraneus
Clethrionomys glareolus
Apodemus microps
Mus musculus
Apodemus flavicollis
Suciu, M., 1973 b, 181-184, figs. 1-2
all from Romania

Ctenophthalmus agyrtes verbanus Jordan et N. C. Rothschild, 1920
Apodemus
Microtus
Pitymys
Arvicola
Clethrionomys
Beaucournu, J.-C.; and Gilot, B., 1971 a
France, all from

Ctenophthalmus (Ctenophthalmus) andorrensis Smit, 1960, Hopkins et Rothschild 1966, partim
as syn. of Ctenophthalmus (C.) andorrensis catalaniensis ssp. nova
Beaucournu, J.-C., 1973 a

Ctenophthalmus andorrensis Smit, 1960, Beaucournu et Rault, 1962
as syn. of Ctenophthalmus (C.) andorrensis catalaniensis ssp. nova
Beaucournu, J.-C., 1973 a

Ctenophthalmus (Ctenophthalmus) andorrensis catalaniensis ssp. nova
Syns.: Ctenophthalmus andorrensis Smit 1960, Beaucournu et Rault, 1962; C. (C.) andorrensis Smit 1960, Hopkins et Rothschild 1966, partim
Apodemus sylvaticus — Pyrénées-Orientales, France; Barcelona, Spain
Microtus arvalis — Pyrénées-Orientales, France
Mus musculus — Barcelona, Spain
Crocidura russula — " "
Beaucournu, J.-C., 1973 a, 169, 171-175, figs. 1-5

Ctenophthalmus apertus
key to subsp.
includes: C. a. apertus Jordan et Rothschild, 1921; C. a. allani Smit, 1955; C. a. gilcolladoi Wagner, 1939; C. a. azevedoi n. subsp.; C. a. queirozi n. subsp.
Beaucournu, J. C., [1972 a], 160

Ctenophthalmus (Ctenophthalmus) apertus azevedoi n. subsp.
key
Pitymys l. lusitanicus — Benavente (Ribatejo) près Ric Sorraia (Portugal)
Apodemus sylvaticus ssp. — Benavente, Herdade da Sesmaria (Portugal)
Talpa caeca occidentalis — Espagne
Beaucournu, J. C., [1972 a], 155-156, 157, 160, figs. 2,5, 8

Ctenophthalmus (Ctenophthalmus) apertus queirozi n. subsp.
key
Pitymys duodecimcostatus centralis
Mus musculus spretus
Apodemus sylvaticus ssp.
— Beaucournu, J. C., [1972 a], 157, 158, 159, 160, figs. 3, 6, 9
Praia do Carvoeiro, près Lagoa (Algarve), Portugal près Falacho, Portugal
Barrage Paúl do Magos, Portugal

Ctenophthalmus arvalis Wagn.
Vulpes vulpes
V. corsac
— Tarasevich, L. N.; Tagil'tsev, A. A.; and Mal'kov, G. B., 1969 a
all from Omsk region, USSR

Ctenophthalmus arvernus Jordan
anomalies
— Beaucournu, J. C., 1969 b, figs.

Ctenophthalmus assimilis
Talpa europaea
Sorex araneus
Crocidura russula
C. leucodon
Citellus citellus
Clethrionomys glareolus
Microtus agrestis
M. arvalis
M. oeconomus
Arvicola terrestris
Apodemus flavicollis
A. sylvaticus
A. agrarius
— Peus, F., 1970 a
all from Germany

Ctenophthalmus assimilis assimilis
infectivity, altitude, seasonal distribution
Microtus agrestis
Apodemus flavicollis
— Mahnert, V., 1972 a
all from Tirol, Austria

Ctenophthalmus atomus J. & R., 1913
male described, female redescribed
key
Pelomys campanae
Aethomys bocagei
Praomys sp.
P. angolensis
— Ribeiro, H., 1972 a, figs.
all from Angola

Ctenophthalmus bisoctodentatus ssp.
infectivity, altitude, seasonal distribution
Apodemus flavicollis
— Mahnert, V., 1972 a
Tirol, Austria

Ctenophthalmus bisoctodentatus
Talpa europaea
Sorex araneus
Pitymys subterraneus
— Peus, F., 1970 a
all from Germany

Ctenophthalmus bisoctodentatus bos Rothschild (Smit)
Talpa europaea
— Roberts, C. J., 1972 a
Derbyshire, Anglesey, Great Britain

Ctenophthalmus congener
Talpa europaea
Sorex araneus
Neomys fodiens
Crocidura russula
C. leucodon
Clethrionomys glareolus
— Peus, F., 1970 a
all from Germany

Ctenophthalmus congener.-- Continued.
Microtus arvalis
M. nivalis
Arvicola terrestris
Pitymys subterraneus
P. bavaricus
Apodemus flavicollis
A. sylvaticus
A. agrarius
— Peus, F., 1970 a.-- Continued.

Ctenophthalmus congener congener
infectivity, altitude, seasonal distribution
Sorex araneus
Pitymys subterraneus
Microtus agrestis
M. nivalis
Clethrionomys glareolus
— Mahnert, V., 1972 a
all from Tirol, Austria

Ctenophthalmus (Mediоctenophthalmus) costai n. sp.
+Spalax ehrenbergi (nest)
— Lewis, R. E., 1970 a, 184, 188-191, figs. 9-14,18,19
Mount Hermon, Israel

Ctenophthalmus (Mediоctenophthalmus) costai libanensis n. subsp.
Apodemus mystacinus
— Lewis, R. E., 1970 a, 184, 191-194, figs. 15-17,20
Natural Bridge, nr. Faraya, Lebanon

Ctenophthalmus euxinicus
Apodemus (Sylvimus) mystacinus
— Alaniia, I. I.; Dzneladze, M. T.; Rostigaev, B.A.; and Shiranovich, P. I., 1971 a
Adjarian ASSR

Ctenophthalmus golovi ssp. (?)
Hyperacrius fertilis
Alticola [sp.]
— Traub, R.; and Evans, T. M., 1967 b, 655
all from W. Pakistan

Ctenophthalmus hypanis
Prometheomys schaposchnikovi
Microtus (Chionomys) nivalis
A. (Sylvimus) mystacinus
Microtus (Chionomus) roberti
Cricetulus migratorius
Microtus arvalis
M. (Pitymys major
Apodemus (Sylvimus) sylvaticus
— Alaniia, I. I.; Dzneladze, M. T.; Rostigaev, B.A.; and Shiranovich, P. I., 1971 a
all from Adjarian ASSR

Ctenophthalmus inornatus
Promethomys schaposchnikovi
Microtus (Chionomus) nivalis
Cricetulus migratorius
Microtus arvalis
M. (Pitymys) major
Apodemus (Sylvimus) sylvaticus
Mustela nivalis
— Alaniia, I. I.; Dzneladze, M. T.; Rostigaev, B. A.; and Shiranovich, P. I., 1971 a
all from Adjarian ASSR

Ctenophthalmus kirschenblatti
Microtus (Chionomus) roberti
— Alaniia, I. I.; Dzneladze, M. T.; Rostigaev, P. A.; and Shiranovich, P. I., 1971 a
Adjarian ASSR

Ctenophthalmus (Euctenophthalmus) levanticus israelicus n. subsp.
+Spalax ehrenbergi (nest)
— Lewis, R. E., 1970 a, 184, 194-197, figs. 21-27
Ramath Ha'Golan, Israel

Ctenophthalmus (Sinoctenophthalmus) lui n. sp.
Microtus kikuchii
Hsieh, P. Y.; and Jameson, E. W. (jr.), 1971 a, 399-400, fig. 1
Tao-yüan, Kaohsiung Hsien, Taiwan

Ctenophthalmus (Ctenophthalmus) lydiae n. sp.
Apodemus sp.
Mus musculus
Apodemus mystacinus
Lewis, R. E., 1970 a, 184, 185-188, figs. 1-8
Kemalpasa; Gordes, Turkey
Kemalpasa, Turkey
Yamanlar, Turkey

Ctenophthalmus (Euctenophthalmus) nairicus sp. n. +Microtus socialis (nest)
Labunets, N. F.; and Avetisian, G. A., 1970 a, 157-159, figs. 1-2
Kafansky region, Armenian SSR

Ctenophthalmus nobilis (Rothschild)
Apodemus sylvaticus
Microtus arvalis sarnius
Crocidura russula
Clethrionomys glareolus caesarius
Crocidura suaveolens
Rattus
Bishop, I. R., 1972 a
all from Channel Islands

Ctenophthalmus nobilis (Rothschild)
Apodemus sylvaticus
Fairley, J. W., 1970 a
Ireland

Ctenophthalmus n. nobilis
distribution
Bishop, I. R., 1972 a
Channel Islands

Ctenophthalmus nobilis nobilis (Rothschild)
Apodemus sylvaticus
Columba livia domestica
Roberts, C. J.[2] 1972 a
all from County Down, Great Britain

Ctenophthalmus nobilis vulgaris Smit
anomalies
Beaucournu, J. C., 1969 b, fig.

Ctenophthalmus nobilis vulgaris
distribution
Bishop, I. R., 1972 a
Channel Islands

Ctenophthalmus nobilis vulgaris Smit.
Apodemus sylvaticus
Fairley, J. W., 1970 a
Ireland

Ctenophthalmus nobilis vulgaris (Smit)
Apodemus sylvaticus
Microtus agrestis
Clethrionomys glareolus
Sorex araneus
Neomys fodiens
Mustela ermin
Talpa europaea
Hirundo rustica
Roberts, C. J.[2] 1972 a
Lancashire, Cheshire, Great Britain
Lancashire, Cheshire, Isle of Mull, Great Britain
Lancashire, Cheshire, Great Britain
Lancashire, Yorkshire, Great Britain
Lancashire, Great Britain
" " "
Derbyshire, Great Britain
Yorkshire, Great Britain

Ctenophthalmus (C.) nobilis vulgaris Smit 1955
Ondatra zibethica
Vermeil, C.; et al., 1973 a
Loire-Atlantique

Ctenophthalmus ominosus
key
Ribeiro, H., 1972 a

Ctenophthalmus orientalis Wagn.
standard cultivation, media
Turgenson, I. A.; and Il'ina, S. V., 1970 a

Ctenophthalmus orientalis Wagner
Talpa europaea
Pinchuk, L. M., 1968 a
Moldavia

Ctenophthalmus orphilus
Microtus nivalis
Peus, F., 1970 a
Germany

Ctenophthalmus orphilus dolomiticus
infectivity, altitude, seasonal distribution
Microtus nivalis
Mahnert, V., 1972 a
Tirol, Austria

Ctenophthalmus orphilus orphilus
infectivity, altitude, seasonal distribution
Sorex alpinus
Pitymys subterraneus
Microtus nivalis
Clethrionomys glareolus
Mahnert, V., 1972 a
all from Tirol, Austria

Ctenophthalmus pisticus Joff.
[Eutamias]
Igolkin, N. I., 1960 a
Ob River shore

Ctenophthalmus pisticus pacificus Ioff et Scalon, 1950
Eutamias sibiricus
Kuntsova, E. V.; Savitskiĭ, B. P.; and Voronov, G. A., 1970 a
Northern Sakhalin

Ctenophthalmus proximus
Sorex araneus
Rattus norvegicus
Rattus rattus
Mus musculus
Apodemus (Sylvimus) mystacinus
Microtus (Chionomus) roberti
Cricetulus migratorius
Microtus arvalis
M. (Pitymys) major
Apodemus (Sylvimus) sylvaticus
Dyromys nitedula
Alaniia, I. I.; Dzneladze, M. T.; Rostigaev, B. A.; and Shiranovich, P. I., 1971 a, 566
all from Adjarian ASSR

Ctenophthalmus pseudagyrtes Baker
Peromyscus floridanus
Layne, J. N., 1971 a
Alachua County, Florida

Ctenophthalmus pseudagyrtes
Blarina brevicauda
Cryptotis parva
Whitaker, J. O. (jr.); and Mumford, R. E., 1972 a
all from Indiana

Ctenophthalmus pseudagyrtes Baker
Peromyscus maniculatus
Microtus pennsylvanicus
Woods, C. E.; and Larson, O. R., 1971 a
all from Ward Co., North Dakota

Ctenophthalmus p. pseudagyrtes Baker
Tamias striatus
Eutamias minimus
Tamiasciurus hudsonicus
Spermophilus tridecimlineatus
Condylura cristata
Sorex cinereus
Benton, A. H.; Larson, O. R.; and Van Huizen, B. A., 1971 a
all from Itasca State Park region, Minnesota

Ctenophthalmus p. pseudagyrtes Baker
Parascalops breweri
Condylura cristata
Scalopus aquaticus
Blarina brevicauda
Sorex cinereus
S. fumeus
Mustela frenata
Rattus norvegicus
Zapus hudsonius
Napaeozapus insignis
Microtus pennsylvanicus
Pitymys pinetorum
Synaptomys cooperi
Clethrionomys gapperi
Peromyscus leucopus
Parascalops breweri
Holland, G.P.; and Benton, A. H., 1968 a
all from Pennsylvania

Ctenophthalmus pseudagyrtes pseudagyrtes Baker
Blarina brevicauda
Microtus pennsylvanicus
Tamias striatus
Quackenbush, R. E., 1971 a
all from Grout Pond, Windham County, Vermont

Ctenophthalmus pseudagyrtes pseudagyrtes Baker
Didelphis marsupialis virginiana
Microtus pinetorum
Scalopus aquaticus
Cryptotis parva parva
Sigmodon hispidus hispidus
Schiefer, B. A.; and Lancaster, J. L. (jr.), 1970 a
all from Arkansas

Ctenophthalmus shovi
Sorex araneus
Rattus norvegicus
Rattus rattus
Mus musculus
Apodemus (Sylvimus) mystacinus
Microtus (Chionomus) roberti
Cricetulus migratorius
Microtus arvalis
M. (Pitymys) major
Apodemus (Sylvimus) sylvaticus
Alaniia, I. I.; Dzneladze, M. T.; Rostigaev, B. A.; and Shiranovich, P.I., 1971 a, 566
all from Adjarian ASSR

Ctenophthalmus solutus
Talpa europaea
Clethrionomys glareolus
Apodemus flavicollis
A. sylvaticus
Peus, F., 1970 a
all from Germany

Ctenophthalmus uncinatus
Sorex araneus
Microtus agrestis
Apodemus flavicollis
Clethrionomys glareolus
Peus, F., 1970 a
all from Germany

Ctenophthalmus wladimiri
feeding activity on voles, reservoir hosts of plague virus
Novokreshchenova, N.S.; Starozhitskaia, G. S.; and Tundin, E. V., 1971 a

Ctenophyllus conothoae sp. n.
Ochotona (Conothoa) rutila
O. (C.) macrotis
Ioff, I.G., 1949 a, 68-69, figs. 47-48
all from Kirgiz

Ctenophyllus (Ochotonobius) hirticrus (Jordan & Rothschild, 1923)
Ochotona pallasi
Smit, F.G.A.M., 1973 a
Mongolia

Ctenophyllus (Conothobius) orientalis sp. n.
Ochotona roylei
Rattus rattoides
Lewis, R. E.; Kulkarni, S. M.; and Bhat, H. R., 1972 a, 999-1003, figs. 1-7
Uttar Pradesh and Himachal Pradesh, India
Himachal Pradesh, India

Ctenophyllus terribilis
Ochotona princeps (external body surface)
Barrett, R. E.; and Worley, D. E., 1970 a
Gallatin County, Montana

Ctenophyllus (Gerusibia) triangularis sp. n.
Ochotona sp.
Lewis, R.E., 1972 a, 832-834, figs. 1-5
Khumjung, Solukhumbu District, Nepal

Cubanochirus g. n.
Atopomelidae
Fain, A., 1970 c, 290
tod: C. maximus sp. n.

Cubanochirus elongatus sp. n.
Capromys nana
Fain, A., 1970 c, 290
Cuba

Cubanochirus maximus g. n., sp. n. (tod)
Solenodon cubanus
Fain, A., 1970 c, 290
Cuba

Cuclotogaster heterographus Nitzsch
[Gallus gallus]
Shousmanov, Sh., 1972 a
Tashkent oblast

Cuclotogaster occidentalis (Tendeiro, 1954)
domestic chickens
Fabiyi, J. P., 1972 a
Vom area, Benue-Plateau State, Nigeria

Cuculicola philippensis n. sp.
Centropus melanops
Somadder, K.; and Tandan, B. K., 1970 a, 357,359,360,361, figs. 5,10-12
Philippine Islands

Cuculicola sinensis n. sp.
Centropus sinensis
Somadder, K.; and Tandan, B. K., 1970 a, 357,358,359,360, 361, figs. 1-4,6-9
Philippine Islands

Cummingsia Ferris 1922
description, key, Trimenoponidae
von Kéler, S., 1971 a

Cummingsia intermedia Werneck, 1937
Marmosa incana
von Kéler, S., 1971 a
Brazil

Cummingsia maculata Ferris, 1922
Lestoros inca
von Kéler, S., 1971 a
Peru

Cummingsia peramydis Ferris, 1922
Monodelphis domestica
von Kéler, S., 1971 a, figs.
Brazil

Cummingsiella ovalis (Scopoli)
Numenius arquata
Ardalan, A., 1971 a
Chahbahar, Baluchistan province, Iran

Cuterebra [sp.]
seasonal distribution
Microtus pennsylvanicus
Clough, G. C., 196[illegible] a
Dane County, Wisconsin

Cuterebra sp.
Blarina brevicauda (trachea)
Collins, G. D.; and Hugghins, E. J., 1971 a, fig. 1
Brookings County, eastern South Dakota

Cuterebra sp.
mice, dips, detection of systemic activity
Drummond, R. [illegible]; and Gingrich, R. E., 1972 a

Cuterebra sp.
Herpestes auropunctatus
Proechimys guyannensis
Everard, C. O. R.; and Aitken, T. H. G., 1972 a
Trinidad, all from

Cuterebra [sp.]
Crotalus viridis abyssus
Garrigues, R. M., 1965 a
Grand Canyon

Cuterebra sp.
insecticide screening tests, white mice
Gingrich, R. E.; Drummond, R. O.; and Gladney, W. J., 1972 a

Cuterebra sp.
Peromyscus truei
Haas, G. E.; and Martin, R. P., 1973 a
New Mexico

Cuterebra sp.
Sciurus carolinensis (under skin of neck, back, houlder, sides, head)
Parker, J. C.; and Holliman, R. B., 1971 a
North Carolina

Cuterebra sp.
human (over right eye, axilla)
Rice, P. L.; and Douglas, G. W., 1972 a, figs.
Morgantown, North Carolina; western Massachusetts

Cuterebra sp.
Sylvilagus floridanus mallurus
Stringer, R. P.; Harkema, R.; and Miller, G. C., 1969 a
North Carolina

Cuterebra angustifrons Dalmat
as syn. of C. fontinella Clark
Sabrosky, C. W., 1972 a

Cuterebra apicalis
Zygodontomys brevicauda
Nectomys squamipes
Rattus r. alexandrinus
Everard, C. O. R.; and Aitken, T. H. G., 1972 a
all from Trinidad

Cuterebra cauterium Clark
lectotype designated
Sabrosky, C. W., 1972 a

Cuterebra cyanella
Peromyscus maniculatus
P. truei
Douglas, C. L., 1969 a, 493
all from Mesa Verde National Park, Colorado

Cuterebra emasculator Fitch
temperature, metamorphosis, pupal and adult stages
Bennett, G. F., 1972 b

Cuterebra fontinella Clark
lectotype designated
Syn.: C. angustifrons Dalmat
Sabrosky, C. W., 1972 a

Cuterebra funebris
Echimys armatus
Everard, C. O. R.; and Aitken, T. H. G., 1972 a
Trinidad

Cuterebra grisea
incidence, ecology
Peromyscus maniculatus
Hunter, D. M.; Sadleir, R. M. F. S.; and Webster, J. M., 1972 a
University British Columbia Research Forest, Haney, B.C.

Cuterebra grisea Coquillett
aggregation behavior of adults
Hunter, D. M.; and Webster, J. M., 1973 a

Cuterebra horripilum Clark
lectotype designated
Sabrosky, C. W., 1972 a

Cuterebra jellisoni
development, host specificity, pathology
Lepus californicus (exper.)
Sylvilagus nuttalli "
S. idahoensis "
Oryctolagus cuniculus "
Baird, C. R., 1971 a, figs.

Cuterebra jellisoni
morphological comparison with C. ruficrus third instars
Baird, C. R., 1972 b, fig.

Cuterebra nigricans
Oryzomys capito velutinus
Everard, C. O. R.; and Aitken, T. H. G., 1972 a
Trinidad

Cuterebra polita
life history and development, rodents, comparison with C. thomomuris
Peromyscus maniculatus (exper.)
Mus musculus "
Mesocricetus auratus "
Microtus montanus "
Capelle, K. J., 1970 a, figs. 3-8

Cuterebra purivora Clark
lectotype designated
Sabrosky, C. W., 1972 a

Cuterebra ruficrus
development, morphological comparison with C. jellisoni third instars (exper. in all)
Lepus californicus
Sylvilagus nuttalli
S. idahoensis
Oryctolagus cuniculus
Baird, C. R., 1972 b, figs.

Cuterebra tenebrosa
pupal diapause termination, ecdysterone
Baird, C. R., 1972 a, figs.

Cuterebra tenebrosa Coquillett (1898)
redescription of adult male and female, description of egg, first, second and third instar larvae, distribution map
Neotoma lepida
Baird, C. R.; and Graham, C. L., 1973 a, figs.
Utah and Idaho

Cuterebra tenebrosa
aggregation behavior of adults
Hunter, D. M.; and Webster, J. M., 1973 a

Cuterebra thomomuris
life history and development, rodents, comparison with C. polita
Capelle, K. J., 1970 a

Cyamus chelipes, nob.
delfino
Costa, A., 1866 a, 82-83, pl. IV, fig. 2
golfe di Napoli

Cybicola elongata Pearse
Scomberomorus cavalla (gills)
Pearse, A. S., [1953 c]
Alligator Harbor, Florida

Cyclopicera Brady (1872)
Artotrogidae nov. fam.
Brady, G. S., 1880 a, 53-54

Cyclopicera Brady, 1872
description
Giesbrecht, W., 1895 b

Cyclopicera echinicola Norman
Syns.: Ascomyzon echinicola, Norman; Cyclopicera latum, Brady
Giesbrecht, W., 1895 b, 175
British seas, Naples

Cyclopicera gracilicauda nov. sp.
Brady, G. S., 1880 a, 58, pl. LXXXIII, figs. 1-10
Robin Hood's Bay, Yorkshire

Cyclopicera gracilicauda Brady
as syn. of Clausomyzon gracilicauda Brady [n. comb.]
Giesbrecht, W., 1895 b, 177

Cyclopicera lata Brady
Syn.: Ascomyzon echinicola, Norman
Brady, G. S., 1880 a, 56-57, pl. LXXXIX, fig. 12; pl. XC, figs. 11-14

Cyclopicera latum, Brady
as syn. of C. echinicola Norman
Giesbrecht, W., 1895 b, 175

Cyclopicera minutum, Claus
Syn.: Echinocheres minutus Claus
Giesbrecht, W., 1895 b, 175
Triest

Cyclopicera nigripes, Brady
as syn. of Dermatomyzon nigripes Brady and Robertson
Giesbrecht, W., 1895 b, 177

Cyclopicera nigripes, Brady and Robertson — Brady, G. S., 1880 a, 54-56, pl. LXXXIX, figs. 1-11

Cyclopicera purpurocinctum Th. Scott
as syn. of Rhynchomyzon purpurocinctum Th. Scott [n. comb.]
— Giesbrecht, W., 1895 b, 178

Cyclopicera violaceum Claus
Syn.: Echinocheres violaceus Claus
— Giesbrecht, W., 1895 b, 175
Triest; Naples ?

Cyclopodia albertisii
Pteropus gouldii
— Doherty, R.L.; et al., 1971 a
Mitchell River, Queensland

Cyclopodia australis
Pteropus scapulatus
— Doherty, R.L.; et al., 1971 a
Mitchell River, Queensland

Cyclopodia greeffi Karsch, 1884 — Vanschuytbroeck, P., 1968 a, 25
Bignona Casamance

Cyclopodia (Cyclopodia) greeffi greeffi Karsch, 1884
+Eidolon helvum
— Hůrka, K., 1970 b
Kamerun, Nicolls Insel, Bimbia

Cyclopodia (Leptocyclopodia) macrura Speiser, 1900
+Cephalotes peroni
Cephalotes sp. no. 5
— Hůrka, K., 1970 b
Ralum
Neu Pommern

Cyclopodia (Cyclopodia) minor Speiser, 1900
Pteropus
— Hůrka, K., 1970 b
Insel Matupi bei Neu Britannien

Cylindropsyllus n. gen. — Brady, G. S., 1880 a, 30
tod: C. laevis n. sp.

Cylindropsyllus laevis nov. gen., n. sp. (tod) — Brady, G. S., 1880 a, 30-31, pl. 84, figs. 1-8
Hartlepool, British Isles

Cynorhaestes aegyptius Hermann
as syn. of Hyalomma aegyptium (Linné) 1767
— Pavesi, P., 1880 a, 384

Cyrtolaelaps minor
Apodemus sylvaticus
— Edler, A.; and Mehl, R., 1972 a
Norway

Cyrtolaelaps minor
Sorex araneus
Apodemus flavicollis
Clethrionomys glareolus
Pitymys subterraneus
Microtus nivalis
— Mahnert, V., 1971 a
all from the Tirol, Austria

Cyrtolaelaps mucronatus
Sorex araneus
Neomys fodiens
Clethrionomys rutilus
C. glareolus
Microtus agrestis
M. oeconomus
— Edler, A.; and Mehl, R., 1972 a
all from Norway

Cyrtolaelaps mucronatus
Nyctalus noctula
Sorex araneus
Apodemus flavicollis
Clethrionomys glareolus
Microtus nivalis
— Mahnert, V., 1971 a
all from the Tirol, Austria

Cyrtolaelaps mucronatus
Oryctolagus cuniculus
— Mead Briggs, A. R.; and Hughes, A. M., 1966 a
Great Britain

Cytodites nudus
grouse
— Great Britain. Ministry of Agriculture, Fisheries and Food. Department of Agriculture and Fisheries for Scotland, 1970 a
Banchory, Scotland

Cytodites nudus
hens (lungs)
— Kaliner, G., 1970 b, figs. 1, 3-4

Cytonyssus troglodyti n. sp.
Thryothorus ludovicianus (nasal passages)
— Pence, D. B., 1972 b, 336-338, figs. 1-6
Mandeville, Louisiana

Cytonyssus troglodyti Pence 1972
description of male
Thryothorus ludovicianus
— Pence, D. B., 1972 e, figs.
Mandeville, Louisiana

Dactylopsylla ignota — Tuszynski, R. C.; and Whitaker, J. O. (jr.), 1972 a
  Geomys bursarius illinoensis — Indiana

Dactylopsylla ignota ignota (Baker) — Benton, A. H.; Larson, O. R.; and Van Huizen, B. A., 1971 a
  Geomys bursarius — Itasca State Park region, Minnesota

Damalinia bovis — Buchanan, Roger E.; and Coles, P. G., 1971 a
  Dursban, cattle

Damalinia bovis — Mustaffa-Babjee, A., 1969 a
  cattle — Malaysia

Damalinia bovis — Ryan, A. F., 1971 a, fig.
  treatment, cattle — Tasmania

Damalinia caprae — Mustaffa-Babjee, A., 1969 a
  goat — Malaysia

Damalinia forficula forficula (Piaget, 1880) — Emerson, K. C., 1971 a
  Axis axis — Nepal

Damalinia hemitragi (Cummings, 1916) — Andrews, J. R. H., 1970 a
  seasonal distribution, age and sex of host — New Zealand
  Hemitragus jemlahicus

Damalinia hemitragi (Cummings, 1916) — Andrews, J. R. H., 1971 a, fig. 3
  description of male — Godley Valley, South Island, New Zealand
  Hemitragus jemlahicus

Damalinia limbata — Mustaffa-Babjee, A., 1969 a
  goat — Malaysia

Damalinia longicornis (Nitzsch, 1818) — Andrews, J. R. H., 1971 a, fig. 1
  description of male — Rakeahua Valley, Stewart Island, New Zealand
  Corvus malaphus

Damalinia neotheileri n. sp. — Emerson, K. C.; and Price, R. D., 1971 b, 372-374, 375, figs. 1-5
  Gorgon taurinus albojubatus — Athi Plain, Nairobi, Kenya
  Gorgon taurinus subsp. — Grumeti River, Lake Province, Tanzania; Eiland Reservation, Leysdorp District, Northern Transvaal, Union of South Africa
  Gorgon taurinus hecki — Narok District, Kenya

Damalinia ovis — Healey, J. S., 1971 a
  sheep, review

Damalinia ovis — Ontario Live Stock Pesticide Sub-Committee. 1971 c
  insecticides, sheep, goats

Damalinia semitheileri n. sp. — Emerson, K. C.; and Price, R. D., 1971 b, 372, 374, 375, figs. 6-8
  Gorgon taurinus subsp. — Livingstone, Northern Rhodesia

Dasypsyllus gallinulae gallinulae (Dale) — Roberts, C. J., 1972 a
  Motacilla cinerea — Lancashire, Great Britain
  Troglodytes troglodytes — Cheshire, Great Britain
  Garrulus glandarius — Cheshire, Great Britain
  Hirundo rustica — Yorkshire, Great Britain
  Phasianus colchicus — " " "
  Turdus merula — County Down, Great Britain
  Columba livia domestica — " " " "

Dasyurochirus (Dasyurochirus) major n. sp. — Fain, A.; and Domrow, R., 1973 a, 161, 162, figs. 1-4
  Dasyurus maculatus (scrotum) — Eccleston, N. S. W.

Degeeriella sp. — Shcherbinina, O. Kh.; and Kurbanova, D. B., 1969 a
  [Turdus ruficollis atrogularis] — Ashkhabad, all from
  [Passer hispaniolensis]

Degeeriella colymbina — Burgisser, H., 1972 a
  Podiceps cristatus — Sempach, Switzerland

Degeeriella fusca (Denny) — Elbel, R. E.; and Price, R. D., 1973 a, figs.
  Circus a. assimilis — Australia
  C. a. quirundus — Celebes

Degeeriella glandarii — Hellén, W., 1952 a
  — Finland

Degeeriella heteroscelis (Nitzsch) — Dalgleish, R. C., 1972 a, 99
  as syn. of Penenirmus heteroscelis (Nitzsch, 1866)

Degeeriella nisus vagans — Keymer, I. F., 1972 a
  Accipiter gentilis

Degeeriella phlyctopyga (Nitzsch in Giebel) — Tendeiro, J., 1958 g, figs.
  Pernis apivorus apivorus — Angola

Degeeriella quatei n. sp. — Elbel, R. E.; and Price, R. D., 1973 a, 95-97, figs. 1-2, 6-7
  Henicopernis l. longicauda — Sibil Valley, Star Mts., NW New Guinea

Degeeriella rufa — Keymer, I. F., 1972 a
  Falco tinnunculus

Degeeriella storeri n. sp. — Elbel, R. E.; and Price, R. D., 1973 a, 96, 97-99, figs. 3-5, 8-9
  Accipiter trivirgatus indicus — Thailand: Khao Soi Dao, Chanthaburi; Thapput, Phangnga; Trang; Ubon; Laos: Bantion; India: Khasia Hills, Assam; Garo Hills, Assam; Malaysia: Malacca
  A. t. formosae — Liukuei and Tzepeng, Taiwan
  A. t. palawanus — Philippines: Brookes Point, Palawan; San Pedro, Calamianes, Culion; Iwahig, Palawan
  A. t. layardi — Walgama, Ceylon
  A. t. peninsulae — Castle Rock, Kanara, Bombay, India

Degeeriella traylori n. sp. — Elbel, R. E.; and Price, R. D., 1973 a, 95, 98, 99, figs. 10-13
  Spizaetus cirrhatus limaeetus — Thailand: Phet Buri; Salok Bat, Khanu, Kamphaeng Phet; Pa Bon, Pak Rhayun, Phatthalung; Trang; Borneo: Sukadana, Teluk

Delostichus octomyos Jordan — Giménez, D.F.; Ciccarelli, C. A.; and de la Barrera, J. M., 1964 a
  Octomys sp.
  Dolichotis p. patagonum
  Microcavia a. australis
  Phyllotis (Graomys) g. griseoflavus
  +Tympanoctomys barrerae (nest)
  all from Argentina

Delostichus talis (Jordan) — Giménez, D.F.; Ciccarelli, C. A.; and de la Barrera, J. M., 1964 a
  Microcavia a. australis
  Conepatus castaneus proteus
  Dolichotis p. patagonum
  Galea musteloides leucoblephara
  Phyllotis (Graomys) g. griseoflavus
  Rattus r. alexandrinus
  +Tympanoctomys barrerae (nest)
  all from Argentina

Demodex — van Aerssen, R. G. L., 1968 a
human demodicidosis, methotrexate, case reports, possible association with diabetic tendencies

Demodex — van Aswegen, P. I. M.; Hesse, P.; and Howell, C. J., 1971 a
laboratory animals, rotenone

[Demodex] demodectic mange — Boccia, F. [illegible], 1969 a
Neguvon, dogs

[Demodex] demodectic mange — Brockis, D. C., 1973
Syrian hamster, case [illegible]

[Demodex] — Bugyaki, L.; and Lanckriet, H., 1969 b
Lindane, dogs

[Demodex] demodicosis — Bwangamoi, O.; and DeMartini, J., 1970 a
hide damage, economic importance, sheep — East Africa

[Demodex] demodicosis — Kazda, V., 1972 a
organophosphate compounds, [illegible]

Demodex — Oppong, E. N. W., 1971 a
survey, bovine — Accra Plains, Ghana

Demodex spp. — Baker, K. P., 1973 a, figs.
meibomian glands, Irish cattle

Demodex sp. — Carpenter, J. W.; Freeny, J. C.; and Patton, C. S., 1972 a, figs.
Odocoileus virginianus — Eucha, Oklahoma

Demodex sp. — Fawi, M. T.; and Idris, O.F., 1971 a, fig.
pathology, clinical aspects — Sudan
sheep (skin)

Demodex [sp.] — Gold, S. C., 197[illegible] a
child (face)

Demodex sp. — Kellogg, F. E.; Kistner, T. P.; Strickland, R. K.; and Gerrish, R. R., 1971 a
Odocoileus virginianus — Georgia

Demodex sp. — Persson, L., 1973 a
dogs (ear) — all from Sweden
cat (ear)

Demodex sp. — Yeoman, G. H., 196[illegible] c
fenchlorphos — Great Britain
Friesian bull

Demodex aurati — Bates, P. [illegible]; Richter, C. B.; and Franklin, J. A., 1971 a, figs.
Mesocricetus aurati

Demodex aurati — Owen, D.; and Young, C., 197[illegible] a, fig.
Mesocricetus auratus — United Kingdom

Demodex aurati — Welshman, M. D., 1973 a
Mesocricetus auratus (skin scrapings)

Demodex bovis — Euzeby, J. A., 1970 a, fig.
diagnosis, treatment, bovins

Demodex bovis — Rahk, T., 1972 a
lesions, cattle hides — Finland

Demodex bovis — Yeoman, G. H., 1966 c
taxonomic status unclear

Demodex brevis Akbulatova 1963 [n. rank] — Desch, C.; and Nutting, W. B., 1972 a, figs.
redescription, life cycle
Homo sapiens (skin, sebaceous glands)

Demodex canis — Aller Gancedo, B.; Martinez Fernández, A.; and Gonzalo Cordero, [illegible] M., 1969 a, figs.
neomycin, bacitracin, penimepicicline
dogs

Demodex canis — Blažek, K., 1973 a
hypocid

Demodex canis — Crighton, G. W., 1971 a
diagnosis, treatment, dogs

Demodex canis — Euzeby, J. A., 1970 a, figs.
diagnosis, treatment, chien

Demodex canis — Hughes, H. C.; and Lang, C. M., 1973 a
dichlorvos, dogs, given orally

Demodex canis — Rak, H., 1969 a
dog — Iran

Demodex canis — Stankiewicz, W.; et al., 1970 a
acaricides, dogs

Demodex caprae — Das, D. N.; and Misra, S. C., 1972 a
Malathion, Neguvon, Asuntol, comparative efficacy, caprine

Demodex caprae — Euzeby, J. A., 1970 a, fig.
diagnosis, treatment, chèvre

Demodex cati — Euzeby, J. A., 1970 a
diagnosis, treatment, chat

Demodex criceti — Owen, D.; and Young, C., 197[illegible] a, fig.
Mesocricetus auratus — United Kingdom

Demodex criceti — Welshman, M. D., 1973 a
Mesocricetus auratus (skin scrapings)

Demodex equi — Euzeby, J. A., 1970 a, fig.
diagnosis, treatment, equidé

Demodex folliculorum — Acosta, R., 1964 a, fig.
case reports, humans — Lima, Peru
(face)

Demodex folliculorum (Simon [illegible]) — Desch, C.; and Nutting, W. B., 1972 a, figs.
redescription, life cycle
Homo sapiens (skin, hair follicle)

Demodex folliculorum — English, F. P., 1971 a, figs.
possible vector of human eye diseases, blepharitis, clinical review

Demodex folliculorum — English, F. P., 1971 b, figs.
human, variants infesting eyelids, diagnosis

Demodex folliculorum — English, F. P., 1971 c, fig.
human eye, eyelash edema, diagnosis

Demodex folliculorum — James, A. P. R.; and James, M. B., 1970 a
man, probable minor role in acne vulgaris, inhabitant of sebaceous gland

Demodex folliculorum — Jenkinson, D. M.; McLean, J. A.; and Walton, [illegible] S., 1974 a
methylene blue, trypan blue, benzyl hexachloride, by inotophoresis, dogs

Demodex folliculorum — Norn, M. S., 1972 a
human, eyelashes, no eyelash loss

Demodex folliculorum — Norn, M. S., 1972 b, figs.
humans, prevalence survey, presence in eyelashes, hair, sebaceous gland excretions, skin disease transmission

Demodex folliculorum — Smith, S.; and McCulloch, C., 1969 a, figs.
humans, eye, blepharitis, clinical review

Demodex folliculorum — Vaugien, P., 1964 a
+dog

Demodex folliculorum brevis [Homo sapiens] — Akbulatova, L. Kh., 1970 a, 700-704, figs. 5-8 Leningrad

Demodex folliculorum var. equi — Euzeby, J. A., 1970 a, fig.
diagnosis, treatment, equidés

Demodex folliculorum longus [Homo sapiens] — Akbulatova, L. Kh., 1970 a, 700-704, figs. 1-4 Leningrad

Demodex gapperi sp. n. Clethrionomys gapperi (eyelids: Meibomian complex) — Nutting, W. B.; Emejuaiwe, S. O.; and Tisdel, M. O., 1971 a, 660-665, figs. 1-13 New York state; Massachusetts

Demodex ovinus [i.e.?, ovis] — Euzeby, J. A., 1970 a
diagnosis, treatment, ovins

Demodex phylloïdes — Euzeby, J. A., 1970 a, fig.
diagnosis, treatment, porc

Demodex phylloides Csokar — Harland, E. C.; Simpson, C. F.; and Neal, F. C., 1971 a, figs. Florida
pork (bellies)

Demodex phylloides — Žuković, M., 1970 c, fig.
benzil-benzoata, HCH, Rotenon, swine

Demoixys affinis n. sp. Parerythropodium fulvum ssp. fuscum — Stock, J. H.; and Humes, A. G., 1970 a, 208-211, figs. 9-10 Madagascar

Demoleus Heller, 1868 — Cressey, R. F., 1967 a, 46
Pandaridae, key
key to females, includes: D. heptapus; D. latus

Demoleus heptapus (Otto, 1821) Dollfus, 1943 — Cressey, R. F., 1967 a, 46-48, figs. 218-237
Syns.: Caligus heptapus Otto, 1821; C. paradoxus Otto 1828; Binoculus sexsetaceus Nordman, 1832; Dinematura sexsetaceus (Nordman, 1832) Burmeister, 1833; Nogagus productus Gerstaecker, 1853; Demoleus paradoxus (Otto, 1828) Heller, 1868
Hexanchus sp. — Monterey Bay, California

Demoleus latus Shiino, 1954 — Cressey, R. F., 1967 a, 46, 48-49, figs. 238-242
key
Squalus acutipinnis — Cape Trawler

Demoleus paradoxus (Otto, 1828) Heller, 1868 — Cressey, R. F., 1967 a, 47
as syn. of Demoleus heptapus (Otto, 1821)

Dendrapta cameroni (A. Heller 1949) — Kabata, Z.; and Cousens, B., 1972 a, fig.
structure, attachment organ

Dendrolagia Mjöberg, 1919 — von Kéler, S., 1971 a
as syn. of Heterodoxus Le Souëf & Bullen 1902

Dendrolagia pygidialis Mjöberg, 1919 — von Kéler, S., 1971 a
as syn. of Heterodoxus pygidialis Mjöberg, 1919

Dennyus Neumann, 1906, sens. str. — Ledger, J. A., 1971 a, 38
key to adults from Apus and Cypsiurus

Dennyus (D.) aequatorialis Ledger, 1968 — Ledger, J. A., 1971 a, 52, 54, figs. all from Kenya
key
Apus aequatorialis
A. a. aequatorialis

Dennyus africanus Büttiker, 1954 — Ledger, J. A., 1971 a, 39
as syn. of Dennyus (D.) hirundinis (Linnaeus, 1761)

Dennyus (D.) cypsiurus Thompson, 1948 — Ledger, J. A., 1971 a, 53, 54, figs.
key

Cypsiurus parvus	India; Rhodesia
C. parvus batasiensis	Ceylon; India
C. parvus brachypterus	Congo; Cameroun

Dennyus (Dennyus) hirundinis (Linnaeus, 1761) — Ledger, J. A., 1971 a, 39, 54, figs.
key
Syns.: Pediculus hirundinis Linnaeus, 1761; Nirmus truncatus von Olfers, 1816; Nitzschia burmeisteri Denny, 1842; N. minor Kellogg & Paine, 1914; Dennyus (D.) truncatiformis Mokhehle, 1951; D. africanus Büttiker, 1954; D. minutus Büttiker, 1954; D. maritimus Büttiker, 1954

Apus affinis kuntzi	Formosa
Apus a. apus	England; Kenya; Asia Minor; Southern Spain; Wales
Apus apus	Congo; England; Switzerland
Cypselus apus	Russia
Micropus apus	England
Micropus a. apus	England; Scotland
swift	England; Germany
Apus affinis	South Africa; India; Formosa; Thailand
Micropus affinis subfurcatus	Malaya; British North Borneo
Micropus affinis	India (Indore)
M. affinis abyssinicus	French Cameroons
Apus affinis nepalensis	Nepal
Apus aequatorialis bradfieldi	South West Africa
Apus barbatus	South Africa
Caffrapus c. caffer	Cape Province
Cypselus caffer	South Africa; Kenya
Apus caffer	South Africa
A. horus	South Africa
Micropus horus	Kenya
Apus unicolor	Cape Verde Islands
Micropus pallidus	
M. pallidus illyricus	Balearic Islands
Apus acuticaudus	Thailand
A. pacificus	"
Apus affinis singalensis	Ceylon

Dennyus maritimus Büttiker, 1954 — Ledger, J. A., 1971 a, 39
as syn. of Dennyus (D.) hirundinis (Linnaeus, 1761)

Dennyus minutus Büttiker, 1954 — Ledger, J. A., 1971 a, 39
as syn. of Dennyus (D.) hirundinis (Linnaeus, 1761)

Dennyus (D.) truncatiformis Mokhehle, 1951 — Ledger, J. A., 1971 a, 39
as syn. of Dennyus (D.) hirundinis (Linnaeus, 1761)

Dennyus (D.) vonarxi Büttiker, 1954 — Ledger, J. A., 1971 a, 50, 54, figs.
key

Apus melba	Switzerland; South Africa
A. melba archeri	Somalia
A. melba tuneti	Kabul
A. aequatorialis (host error for Apus melba)	Nigeria
Micropus melba bakeri	India, Ceylon
M. melba tuneti	Afghanistan
Tachymarptis melba marjoriae	South West Africa

Dentigryps litus Lewis, 1964
Cromileptes altivelis (skin)
Kabata, Z., 1965 e, fig. 1 a-g
Queensland, Australia

Dentocarpus Dusbabek and Cruz
Labidocarpidae, key
McDaniel, B.; and Coffman, C. C., 1970 a

Dentocarpus macrotrichus Dusbabek and Cruz, 1966
key
Tadarida brasiliensis mexicana
McDaniel, B.; and Coffman, C. C., 1970 a
Kleberg County, Kingsville, Texas

Dermacarus heptneri
Spermophilus richardsonii
Hilton, D. F. J.; and Mahrt, J. L., 1971 b
Alberta

Dermacarus hypudaei (C.L. Koch, 1841)
Crocidura russula
Sorex araneus
Clethrionomys glareolus
Eliomys quercinus
Mus musculus
Apodemus silvaticus
Beron, P., 1971 a
all from France

Dermacarus hypudaei
Spermophilus (=Citellus) columbianus
S. richardsonii
Hilton, D. F. J.; and Mahrt, J. L., 1971 b
all from Alberta

Dermacarus hypudaei
Blarina brevicauda
Cryptotis parva
Whitaker, J. O. (jr.); and Mumford, R. E., 1972 a
all from Indiana

Dermacarus newyorkensis
Sorex palustris
Whitaker, J. O. (jr.); and Schmeltz, L. L., 1973 a
St. Louis County, Minnesota

Dermacentor
infra-internal bristles of palps, morphology, location number
Senevet, G., 1970 a

Dermacentor albipictus
apparently incapable of hereditary transmission of Anaplasma marginale
Bram, R. A.; and Roby, T. O., 1970 b

Dermacentor albipictus
insecticide screening
Drummond, R. O.; Gladney, W. J.; Whetstone, T. M.; and Ernst, S. E., 1971 a

Dermacentor albipictus (Packard)
acaricides, control
Drummond, R. O.; and Whetstone, T. M., 1973 a

Dermacentor albipictus
disease transmission, man, review
Gregson, J.D., 1960 b
British Columbia

Dermacentor albipictus
Odocoileus virginianus
Kellogg, F. E.; Kistner, T. P.; Strickland, R. K.; and Gerrish, R. R., 1971 a
Massachusetts

Dermacentor albipictus
karyotype, sex determination, meiosis
elk
Oliver, J.H. (jr.); and Osburn, R. L., 1972 a, figs.
Hamilton, Montana

Dermacentor albipictus
Odocoileus hemionus hemionus
Peterson, K. J.; Kistner, T. P.; and Davis, H. E., 1973 a
Oregon

Dermacentor albipictus
Cervus canadensis
Wilson, G. I., 1969 a
New Mexico

Dermacentor albipictus (Packard)
photoperiod, seasonal activity, larval diapause
Wright, J. E., 1971 a

Dermacentor andersoni
ectoparasite consortism, mammals
Allred, D. M., 1971 a
National Reactor Testing Station, Idaho

Dermacentor andersoni
Ochotona princeps (external body surface)
Barrett, R. E.; and Worley, D. E., 1970 a
Gallatin County, Montana

Dermacentor andersoni
paralysis, creatine phosphokinase elevation, female child
Boffey, G. C.; and Paterson, D. C., 1973 a
Kamloops, British Columbia

Dermacentor andersoni
transstadial transmission of Anaplasma marginale
Bram, R. A., 1971 a

Dermacentor andersoni Stiles (= D. venustus Marx)
nymphs, smears of gut contents, fluorescent antibody technique, recognition of anaplasmata
Bram, R. A.; and Romanowski, R. D., 1970 a, figs.

Dermacentor andersoni
fine structure, normal hemocytes
Brinton, L. P.; and Burgdorfer, W., 1971 b, figs.

Dermacentor andersoni
ovarian development, gross histology, ultrastructural aspects, nymphs, adults
Brinton, L.P.; and Oliver, J.H. (jr.), 1971 a, figs.

Dermacentor andersoni
developmental morphology, fine structure, oogonial and oocyte maturation, nymphs, adults
Brinton, L.P.; and Oliver, J.H. (jr.), 1971 b, figs.

Dermacentor andersoni
transmission trials, Rickettsia prowazeki
Burgdorfer, W.; Ormsbee, R. A.; and Hoogstraal, H., 1972 a

Dermacentor andersoni
control developments
Dickie, A. G., 1971 a
Oregon

Dermacentor andersoni
Peromyscus maniculatus
P. truei
Douglas, C. L., 1969 a, 493
all from Mesa Verde National Park, Colorado

Dermacentor andersoni
tick paralysis, host susceptibility
Odocoileus h. hemionus
Ovis c. canadensis
Oreamnos americanus missoulae
Marmota flaviventris avara (exper.)
Citellus c. columbianus (exper.)
Gregson, J. D., 1958 d
all from British Columbia

Dermacentor andersoni
disease transmission, man, review
Gregson, J.D., 1960 b, figs.
British Columbia

Dermacentor andersoni
multiple mating
Gregson, J. D., 1969 a

Dermacentor andersoni Stiles
saliva, cement, antigenic properties
Gregson, J. D., 1970 b

Dermacentor andersoni
Ursus americanus
Jonkel, C. J.; and Cowan, I. M., 1971 a, 31
northwestern Montana

Dermacentor andersoni
salivary gland as main route of ion and water excretion
Kaufman, W. R.; and Phillips, J. E., 1973 a

Dermacentor andersoni
salivary gland, secretion control probably neural
Kaufman, W. R.; and Phillips, J. E., 1973 b

Dermacentor andersoni
altered ionic and osmotic composition, rate of salivary secretion
Kaufman, W. R.; and Phillips, J. E., 1973 c

Dermacentor andersoni
neuromuscular junction, changes in function, tick paralysis, hamsters
McLennan, H.; and Oikawa, I., 1972 a

Dermacentor andersoni
chromosomes, spermatogenesis, karyotypes, sex determination
Oliver, J. H. (jr.), 1972 b, figs.

Dermacentor andersoni
hybridization, Dermacentor variabilis, D. occidentalis
Oliver, J. H. (jr.); Wilkinson, P. R.; and Kohls, G. M., 1972 a

Dermacentor andersoni
development, life cycle
Serdiukova, G. V., 1960 a

Dermacentor andersoni
vectors, encephalitis, man, animals
la Villa, J., 1965 a

Dermacentor andersoni
'prairie' and 'montane', sites of attachment, cattle under uniform conditions
Wilkinson, P. R., 1972 a, figs.

Dermacentor andersoni
morphology, respiratory apparatus, scanning electron microscopy
Woolley, T. A., 1972 a, fig.

Dermacentor asiaticum
incidence, population density
Volkov, V. I.; and Chernykh, P. A., 1971 a
Khabarovsk region

Dermacentor auratus
human (leg)
Griffiths, R. B.; Zamirdin, M.; and Tan Boon Eng, 1969 a
Selangor, Malaysia

Dermacentor auratus
Macaca radiata
Presbytis entellus
Rajagopalan, P. K.; and Anderson, C. R., 1971 a
Shimoga District, India, all from

Dermacentor daghestanicus
homogenates, electrophoresis, taxonomy
Krasnobaeva, Z. N.; Stepanchenok-Rudnik, G. I.; and Grokhovskaia, I. M., 1971 a

Dermacentor hunteri
chromosomes, spermatogenesis, karyotypes, sex determination
Oliver, J. H. (jr.), 1972 b, fig.

Dermacentor marginatus
repellents
Dremova, V. P.; and Smirnova, S. N., 1970 a

Dermacentor marginatus
vector, tick-borne encephalitis
Grešíková, M.; Weidnerová, K.; Nosek, J.; and Rajčáni, J., 1972 a

Dermacentor marginatus
distribution
goveda
Heneberg, N.; Heneberg, D.; Milošević, J.; and Dimitijević, V., [1968 a]
Kosovo and Metohija, Jugoslaviji

Dermacentor marginatus
immunofluorescence, diagnosis of rickettsia
Isaev, A. I., 1973 a

Dermacentor marginatus
tick-borne encephalitis virus transmission
Kožuch, O.; and Nosek, J., 1971 a

Dermacentor marginatus Sulz.
Dermacentroxenus sibiricus, localization, development
Kriuchechnikov, V. V.; and Sidorov, V. E., 1969 a

Dermacentor marginatus
tick-borne encephalitis virus, salivary glands
Nosek, J.; Ciampor, F.; Kožuch, O.; and Rajčani, J., 1972 a

Dermacentor marginatus
carrier of Crimean hemorrhagic fever virus
Perelatov, V. D.; Vostikova, K. K.; Butenko, A. M.; and Donets, M. A., 1972 a
Rostov district

Dermacentor marginatus
tularemia, mechanism of transmission
Petrov, V. G.; and Dudenkova, V. G., 1969 a

Dermacentor marginatus Schulz.
Sorex araneus
Erinoceus [sic] europaeus
Pinchuk, L. M., 1968 a
all from Moldavia

Dermacentor marginatus
rickettsia detection, haemocyte test
Řeháček, J.; Brezina, R.; Kováčová, E.; and Župančičová-Majerská, M., 1971 a

Dermacentor marginatus
detection of rickettsiae in haemocytes
Řeháček, J.; Brezina, R.; Župančičová-Majerská, M.; and Kováčová, E., 1971 a
central Slovakia

Dermacentor marginatus
development, life cycle
Serdiukova, G. V., 1960 a

Dermacentor marginatus Sulz.
Microtus arvalis
Apodemus flavicollis
A. sylvaticus
Sosnina, E. F., 1969 a
all from mountain Crimea

Dermacentor marginatus
sheep
Tovornik, D.; and Černy, V., 1972 a
island of Brač, Yugoslavia

Dermacentor marginatus
vector, Salmonella abortus ovis
Volkova, A. A.; Grebeniuk, R. V.; and Zhbrykunov, A. I., 1971 a

Dermacentor marginatus
localization of rickettsiae
Župančičová-Majerská, M.; Řeháček, J.; and Kováčová, E., 1972 a

Dermacentor nigrolineatus
Odoccileus virginianus
Kellogg, F. E.; Kistner, T. P.; Strickland, R. K.; and Gerrish, R. R., 1971 a
Alabama; Arkansas; Florida; Georgia; Kentucky; Louisiana; Maryland; Minnesota; Oklahoma; South Carolina; Tennessee; Texas; Virginia; Wisconsin

Dermacentor nitens
Odoccileus virginianus
Kellogg, F. E.; Kistner, T. P.; Strickland, R. K.; and Gerrish, R. R., 1971 a
U. S. Virgin Islands (St. Croix)

Dermacentor nitens Neumann, 1897
as syn. of Anocentor nitens (Neumann)
Kohls, G. M., 1969 c, 131

Dermacentor nitens
Todorovic, R. A.; Gonzalez, E. F.; Mateus Villes, J. G.; and Adams, L. G., 1971 a
Bogotá

Dermacentor nitens
survey, 1970
United States Department of Agriculture. Agricultural Research Service. Animal Health Division, 1971 a
U. S. Virgin Islands

Dermacentor occidentalis
possible vector, bovine chlamydial abortion
Caldwell, H. D.; and Belden, E. L., 1973 a

Dermacentor occidentalis
control developments
Dickie, A. G., 1971 a
Oregon

Dermacentor occidentalis
chromosomes, spermatogenesis, karyotypes, sex determination
Oliver, J. H. (jr.), 1972 b

Dermacentor occidentalis
male reproductive system, morphology and histology, spermatogenesis, spermiogenesis
Oliver, J. H. (jr.); and Brinton, L. P., 1972 a

Dermacentor occidentalis
hybridization, Dermacentor variabilis, D. andersoni
Oliver, J. H. (jr.); Wilkinson, P. R.; and Kohls, G. M., 1972 a

Dermacentor parumapertus
survival at low temperatures
Elzinga, R. J.; and Rees, D. M., 1964 a

Dermacentor parumapertus Neumann
ecology, infestation rates compared, deer and harvest mice
Elzinga, R. J.; and Rees, D. M., 1964 b

Dermacentor parumapertus Neumann
Spermophilus tereticaudus neglectus (mouth, ears)
Lang, J. D., 1972 a
near Tucson, Arizona

Dermacentor parumapertus
chromosomes, spermatogenesis, karyotypes, sex determination
Oliver, J. H. (jr.), 1972 b, fig.

Dermacentor parumapertus (Neumann)
Peromyscus maniculatus
Wyman, R. L.; and Schaefer, K., 1972 a
Texas Co., Oklahoma

Dermacentor pavlovskyi
vector, listeriosis
Kadysheva, A. M.; and Grebeniuk, R. V., 1971 a

Dermacentor pictus
vectors, Omsk hemorrhagic fever
Chumakov, M. P., 1948 a

Dermacentor pictus
repellents
Dremova, V. P.; and Smirnova, S. N., 1970 a

Dermacentor pictus
possible vectors, tuberculosis, rabbits, chickens, guinea pigs
Kagramanov, A. I.; et al, 1967 a

Dermacentor pictus
homogenates, electrophoresis, taxonomy
Krasnobaeva, Z. N.; Stepanchenok-Rudnik, G. I.; and Grokhovskaia, I. M., 1971 a

Dermacentor pictus Herm.
Microtus arvalis
Apodemus flavicollis
A. sylvaticus
Sosnina, E. F., 1969 a
all from mountain Crimea

Dermacentor pictus
Lepus timidus
L. europaeus
Terasevich, L.N.; Tagil'tsev, A. A.; and Mal'kov, G. B., 1969 a
all from Omsk region, USSR

Dermacentor pictus Herm.
distribution
Ul'ianova, N. I.; et al., 1969 a
Leningrad region

Dermacentor raskemensis Serdyukova in Pomerantsev, 1948
redescription, ecology
Dhanda, V.; Kulkarni, S. M.; and Pratt, P., 1971 a, figs.

yak
goat
zo
India
"
"

Dermacentor raskemensis.--continued.
Dhanda, V.; Kulkarni, S. M.; and Pratt, P., 1971 a.--continued.

sheep
Karakul sheep
Turki sheep
West Pakistan; India
Afghanistan
"

Dermacentor reticulatus (Fabricius, 1794)
geographic distribution, ecology, life cycle
Immler, R. M., 1973 a, figs.
Europe and Asia

Dermacentor reticulatus
tick-borne encephalitis virus transmission
Kožuch, O.; and Nosek, J., 1971 a

Dermacentor silvarum
distribution
goveda
ovce
Heneberg, N.; Heneberg, D.; Miloševič, J.; and Dimitijevič, V., [1968 a]
all from Kosovo and Metohija, Jugoslaviji

Dermacentor silvarum
incidence, population density
Volkov, V. I.; and Chernykh, P. A., 1971 a
Khabarovsk region

Dermacentor variabilis
Rattus norvegicus
Carter, R.; and Lee, C. M., 1971 a
Model Cities area, Washington, D. C.

Dermacentor variabilis
human, case report, tick paralysis
DeBusk, F. L.; and O'Connor, S., 1972 a

Dermacentor variabilis
cattle, systemic insecticides in feed
Drummond, R. O.; Whetstone, T. M.; Ernst, S. E.; and Gladney, W. J., 1972 a

Dermacentor variabilis
Good, N. E., 1972 a
New York State

Dermacentor variabilis
Sigmodon hispidus
collection, modified washing technique
Henry, L. G.; and McKeever, S., 1971 a
southeastern Georgia

Dermacentor variabilis
Sus scrofa
Henry, V.G.; and Conley, R.H., 1970 a
southern Appalachians

Dermacentor variabilis
spermatogenesis, duration of attachment, radioactive glucose, chromosomal aberrations
Homsher, P. J.; and Sonenshine, D. E., 1972 a

Dermacentor variabilis
Odocoileus virginianus
Kellogg, F. E.; Kistner, T. P.; Strickland, R. K.; and Gerrish, R. R., 1971 a
Florida; Georgia; Ohio; South Carolina; Texas

Dermacentor variabilis
larvae, water vapour sorption
Knülle, W.; and Devine, T. L., 1972 a

Dermacentor variabilis
distribution, effect of automobile traffic, CO_2
McEnroe, W. D., 1971 a

Dermacentor variabilis
water balance, temperature, overwintering, seasonal distribution
McEnroe, W. D., 1971 b

Dermacentor variabilis
Spilogale putorius
Mead, R. A., 1963 a
Sacramento Valley, California

Dermacentor variabilis
transmission, Kadam virus
Mugo, W. N.; and Shope, R. E., 1972 a

Dermacentor variabilis — Obenchain, F. D.; and Oliver, J. H. (jr.), 1973 a, figs.
form, function and interrelationships of fat body, associated tissues

Dermacentor variabilis — Oliver, J. H. (jr.), 1972 b, fig.
chromosomes, spermatogenesis, karyotypes, sex determination

Dermacentor variabilis — Oliver, J. H. (jr.); Wilkinson, P. R.; and Kohls, G. M., 1972 a
hybridization, Dermacentor andersoni, D. occidentalis

Dermacentor variabilis — Pappas, P. J.; and Oliver, J. H. (jr.), 1972 a
mating, stimulus for rapid and complete feeding of female

Dermacentor variabilis (Say) — Rothenberg, R.; and Sonenshine, D. E., 1970 a
vector, Rocky Mountain spotted fever, clinical and epidemiologic features — Virginia

Dermacentor variabilis — Sonenshine, D.E., 1972 a
population dynamics, overwintering, seasonal distribution, survival, field study — Virginia

Dermacentor variabilis — Sonenshine, D. E., 1973 a
ecology, small-mammals — Virginia

Dermacentor variabilis — Sonenshine, D.E.; and Levy, G.F., 1972 a
distribution in relation to vegetative types — Virginia

Dermacentor variabilis — Sonenshine, D. E.; and Stout, I. J., 1971 a
host-parasite relationships, seasonal activity — Newport News and Montpelier, Virginia
Procyon lotor — Montpelier, Virginia
Mephitis mephitis — Newport News and Montpelier, Virginia
Didelphis marsupialis — Montpelier, Virginia
Vulpes fulva — " "
Urocyon cinereoargenteus — " "
Sciurus carolinensis — " "
Marmota monax — " "

Dermacentor variabilis — Stout, I. J.; Clifford, C. M.; Keirans, J. E.; and Portman, R. W., 1971 a
Microtus longicaudus — Southeastern Washington
dog — Idaho; Washington
sheep — Idaho
man — Idaho; Washington
coyote — " "
horse — Washington

Dermacentor variabilis — Stringer, R. P.; Harkema, R.; and Miller, G. C., 1969 a
Sylvilagus floridanus mallurus — all from North Carolina
S. palustris

Dermacentor variabilis — Ulrich, M. G.; and Vaughn, C. M., 1963 a
Peromyscus maniculatis (ears) — South Dakota

Dermacentor variabilis — Vincent, A. L., 1972 a
Sturnus vulgaris — San Diego County, California

Dermacentor variabilis — Whitaker, J. O. (jr.); and Schmeltz, L. L., 1973 b
Marmota monax — Indiana

Dermacentor variabilis (Say) — Wilson, N. A.; and Kale II, H. W., 1972 a
Peromyscus gossypinus — all from Indian River County, Florida
Sigmodon hispidus
Spilogale putorius
Oryzomys palustris
Neotoma floridana
Didelphis marsupialis
Urocyon cinereoargenteus
Procyon lotor

Dermacentor variabilis — Woolley, T. A., 1972 a, fig.
morphology, respiratory apparatus, scanning electron microscopy

Dermanyssidae — Brès, P.; and Cornet, M., 1966 a
vectors, virus, bats as reservoir hosts — Senegal

Dermanyssidae — Zemskaiâ, A. A., 1971 a
distribution, ecology, review — SSSR

Dermanyssus sp. — Allred, D. M., 1970 d
Eremophila alpestris — all from near Idaho Falls, Idaho
Piranga ludoviciana
Dipodomys ordii

Dermanyssus sp. — Shcherbinina, O. Kh.; and Kurbanova, D. B., 1969 a
[Passer montanus] — Ashkhabad

Dermanyssus americanus Ewing — Moss, W. W.; Mitchell, C. J.; and Johnston, D. E., 1970 a
Passer domesticus — Michigan, Shafter Canal Bridge, California; Takoma Park, Maryland; south of Wooster, Ohio; Plainview, Texas; Lawrence, Kansas;
Serinus canarius — Berkeley, California
Pipistrellus hesperus — Childress, Texas
Carpodacus mexicanus (nasal cavity) — Kern Co., near Buttonwillow, California; Lansing, Michigan

Dermanyssus americanus — Phillis, W., 1972 a
seasonal abundance, house sparrow nests

Dermanyssus avium — Murphy, W. J. B.; and Hungerford, T. G., 1936 a
red mite, review

Dermanyssus gallinae — Akhmetbekova, R.T.; and Iakunin, M. P., 1971 a
chlorophos, sevin, dithiophos, methylnitrophos

Dermanyssus gallinae (DeGeer, 1778) — Brown, N. S., 1971 a
Columba livia — Boston

Dermanyssus gallinae — Allred, D. M., 1970 d
Asyndesmus lewis — all from near Idaho Falls, Idaho
Dendrocopos villosus
Eremophila alpestris
Turdus migratorius

Dermanyssus gallinae (De Geer, 1778) — Černý, V., 1970 a
Columba livia domestica — Olomouc, ČSSR

Dermanyssus gallinae — Frolov, B. A., 1971 a
biological control, predatory mites

Dermanyssus gallinae — Georgiev, M., 1970 a
Alugan

Dermanyssus gallinae — Gusev, V. F.; Speranskaiâ, V. N.; Mukhamedshin, R. A.; and Mukhamedshina, R. N., 1970 a
trichlormetaphos-3, Sevin, chlorophos, poultry

Dermanyssus gallinae
Rabond, aerosol, chickens
Knapp, M., 1971 a

Dermanyssus gallinae
Vapona, dogs, cats
Niemand, H. G., 1973 a

Dermanyssus gallinae
form, function and interrelationships of fat body, associated tissues
Obenchain, F. D.; and Oliver, J. H. (jr.), 1973 a

Dermanyssus gallinae
Karbatox, domestic animals
Patyk, S.; Jasek, K.; and Buchalski, L., 1970 a

Dermanyssus gallinae
acaricides
Poliakov, D. K.; and Tkachenko, A. A., 1972 a

Dermanyssus gallinae
vector, fowlpox virus
Shirinov, F. B.; Ibragimova, A. I.; and Misirov, Z. G., 1972 a

Dermanyss[us] gallinae
distribution, ecology, review
Zemskaia, A. A., 1971 a, fig.
SSSR

Dermanyssus gallinoides Moss
Dendrocopos pubescens gairdnerii ?
Moss, W. W.; Mitchell, C. J.; and Johnston, D. E., 1970 a
Portland, Oregon

Dermanyss[us] grochovskae
distribution, ecology, review
Zemskaia, A. A., 1971 a, fig.
SSSR

Dermanyssus hirundinis (Hermann)
Chaetura pelagica
Hirundo erythrogastra
Columba livia
Hirundo rustica
Dendrocopos pubescens
Passer domesticus
Iridoprocne bicolor
+infested buildings
+Tridoprocne bicolor (nest)
+Petrochelidon lunifrons (nest)
+Vireo olivaceus (nest)
+Troglodytes aedon (nest)
Moss, W. W.; Mitchell, C. J.; and Johnston, D. E., 1970 a
Fredericksburg, Virginia
Kamloops, British Columbia
Lawrence, Kansas
Oak Bluffs, Massachusetts
Ft. Robinson, Nebraska
Plainview, Texas; Madison, Wisconsin
Scammon Bay, Alaska; Canada; Michigan
Canada
"
"
Colorado
Ohio

Dermanyssus hirundinis
seasonal abundance, house sparrow nests
Phillis, W., 1972 a

Dermanyssus hirundinis
Uchikawa, K., 1970 a
Nagano Prefecture

Dermanyssus prognephilus Ewing
Melanerpes erythrocephalus
Colaptes auratus
Dendrocopos pubescens
+infested buildings
+Progne subis (nest)
Moss, W. W.; Mitchell, C. J.; and Johnston, D. E., 1970 a
Ohio
Ohio
Ohio
Kansas
Kansas, Canada, Ohio, Wisconsin

Dermanyssus prognephilus Ewing
form, function and interrelationships of fat body, associated tissues
Obenchain, F. D.; and Oliver, J. H. (jr.), 1973 a

Dermanyss[us] quintus
distribution, ecology, review
Zemskaia, A. A., 1971 a, fig.
SSSR

Dermatobia cyaniventris
life cycle, mosquito as intermediate host
Morales, R., 1958 b, fig.

Dermatobia hominis
7-year-old child, eye, conjunctival myiasis
Areas M., J. J.; and Doldan, V. M. A. de C., 1969 a, fig.
Brasil

Dermatobia hominis
myiasis, domestic animals, review
Chirinos Rodríguez, A. R., 1972 a, fig.

Dermatobia hominis
human myiasis, skin, eyelids, clinical review
Dao L., L., 1963 b, figs.
Venezuela

Dermatobia hominis
myiasis, youth
Grinspan Bozza, N.O.; Garaguso, P.; and Barroeta, S., 1962 a, fig.
Paraguay

Dermatobia hominis
adaptation to existence in human body
Kaye, H. D. L., 1965 a

Dermatobia hominis
child, face and eye orifices, furuncles
Mañe-Garzon, F.; Tiscornia, J.M.; and Gonzalez, F.C., 1962 a, figs. 1-2
Uruguay

Dermatobia hominis
eggs, oviposition and ecology, sterile male control
Mourier, H.; and Banegas, A.D. 1970 a

Dermatobia hominis
insecticides, control, larvae
Rueda H., C.; and Mateus V., G., 1967 a

Dermatobia hominis (L. Jr., 1781)
Bubalus bubalis
Serra, O. P.; Oba, M. S. P.; Serra, R. G.; and Franco Rocha, U. F., 1971 a, figs.
Campo Florido, Minas Gerais, Brasil

Dermatobia hominis
soldier, subdural myiasis, leg
Sweet, R. D., 1962 a, fig.
England (previously in British Honduras)

Dermatobia hominis
man, myiasis, penis, case report
Talamo P., M., 1969 a, figs.
Caracas, Venezuela

Dermatomyzon elegans, Claus
Giesbrecht, W., 1895 b
Triest; English Channel; Naples

Dermatomyzon gibberum
Asterias rubens
Scott, T.; and Scott, A., 1895 a, pl. XVII, fig. 14
Firth of Forth; Liverpool Bay

Dermatomyzon nigripes, Brady and Robertson
Syn.: Cyclopicera nigripes, Brady
Giesbrecht, W., 1895 b, 177
British seas; Spitsbergen ?

Dermatophagoides passericola
Uchikawa, K., 1970 a
Nagano Prefecture

Dermoglyphus elongatus
Passer domesticus domesticus
Lalitha, C. M.; and Alwar, V. S., 1973 a
Madras

Diamanus montanus
Mephitis mephitis
Spilogale putorius
Mead, R. A., 1963 a
all from Sacramento Valley, California

Diamanus montanus
transfer among hosts, epizootiology of plague
Citellus beecheyi
Rattus norvegicus
Sylvilagus audubonii
Ryckman, R. E., 1971 a
all from California

Diamanus montanus — Ryckman, R. E., 1971 b
population density, seasonal fluctuations, climatic factors, Citellus beecheyi

Diamanus montanus — Ryckman, R. E., 1971 c
deparasitized ground squirrels, reinfestation rate

Diamanus montanus — Ryckman, R. E., 1971 d
dieldrin, application techniques, ground squirrels

Dichelesthium oblongum — Cressey, R. F.; and Patterson, C., 1973 a, figs.
Cladocyclus gardneri (gill chamber) — Santana Formation, Serra do Araripe, Ceara, Brazil

Dichelestium oblongum (Abildgaard) — O'Riordan, C. E., 1966 a
Acipenser sturio — Ireland

Dicrobomolochus nov. gen. — Vervoort, W., 1969 a, 1, 80-82
Bomolochidae — tod: D. eminens (C. B. Wilson, 1911) [n. comb.]

Dicrobomolochus eminens (C. B. Wilson, 1911) nov. gen., [n. comb.] (tod) — Vervoort, W., 1969 a, 1, 82-89, figs. 37-39
Syn.: Bomolochus eminens C. B. Wilson, 1911
+Clupanodon pseudohispanicus — Tortuga Islands, Florida
Harengula humera (orbit) — Piscadera Bay, Curaçao

Didelphilichus g. n. — Fain, A., 1970 c, 291
Atopomelidae — tod: D. serrifer sp. n.

Didelphilichus serrifer sp. n. (tod) — Fain, A., 1970 c, 291
Didelphis azarae — Rio Grande do Sul, Brésil

Didelphoecius g. n. — Fain, A., 1970 c, 291
Atopomelidae — tod: D. paranensis sp. n.

Didelphoecius capirangensis sp. n. — Fain, A., 1970 c, 293-294
Marmosa sp. — Lago de Capiranga, Amazone, Brésil

Didelphoecius colombiana sp. n. — Fain, A., 1970 c, 293
Didelphis azarae — Ocana, Colombie

Didelphoecius didelphicola sp. n. — Fain, A., 1970 c, 293
Didelphis azarae — Ocana, Colombie

Didelphoecius guyanensis sp. n. — Fain, A., 1970 c, 294
Marmosa murina — Guyane française

Didelphoecius incisus sp. n. — Fain, A., 1970 c, 292
Monodelphis touan — Guyane Française

Didelphoecius marmosae sp. n. — Fain, A., 1970 c, 292
Marmosa sp. — Lago de Araras, Solimoes, Amazone, Brésil

Didelphoecius monodelphis sp. n. — Fain, A., 1970 c, 292
Monodelphis touan — Brésil

Didelphoecius paranensis g. n., sp. n. (tod) — Fain, A., 1970 c, 291-292
Monodelphis dimidiatus — Palmeira, Parana, Brésil

Didelphoecius philander sp. n. — Fain, A., 1970 c, 293
Philander philander — Guyane Française

Digineus — Senevet, G., 1970 a
infra-internal bristles of palps, morphology, location number

Dinematura Burmeister, 1833 — Cressey, R. F., 1967 a, 38
as syn. of Dinemoura Latreille, 1829

Dinematura affinis Thomsen, 1949 — Cressey, R. F., 1967 a, 39
as syn. of Dinemoura producta (Müller, 1785)

Dinematura braccata Dana, 1852 — Cressey, R. F., 1967 a, 54
as syn. of Echthrogaleus coleoptratus (Guerin-Meneville, 1837)

Dinematura carcharodonti Thomson, 1889 — Cressey, R. F., 1967 a, 41
as syn. of Dinemoura ferox (Krøyer, 1838)

Dinematura gracilis Burmeister, 1833 — Cressey, R. F., 1967 a, 39
as syn. of Dinemoura producta (Müller, 1785)

Dinematura neozealanica Thomson, 1889 — Cressey, R. F., 1967 a, 56
as syn. of Echthrogaleus denticulatus Smith, 1874

Dinematura producta (Müller, 1785) Burmeister, 1833 — Cressey, R. F., 1967 a, 39
as syn. of Dinemoura producta (Müller, 1785) Latreille, 1829

Dinematura producta O.F. Müller — O'Riordan, C. E., 1966 a
Mola mola — Ireland: Achill Head
Lamna cornubica — Ireland: Cleggan Co.Galway

Dinematura sexsetaceus (Nordman, 1832) Burmeister, 1833 — Cressey, R. F., 1967 a, 46
as syn. of Demoleus heptapus (Otto, 1821) Dollfus, 1943

Dinemoura Latreille, 1829 — Cressey, R. F., 1967 a, 5, 38
Pandaridae, key
Syns.: Binoculus Nordman, 1832; Dinematura, Burmeister, 1833
key to females, includes: D. latifolia; D. producta; D. ferox; D. discrepans

Dinemoura affinis Milne-Edwards, 1840 — Cressey, R. F., 1967 a, 54
as syn. of Echthrogaleus coleoptratus (Guerin-Meneville, 1837)

Dinemoura alata Guerin-Meneville, 1837 — Cressey, R. F., 1967 a, 54
as syn. of Echthrogaleus coleoptratus (Guerin-Meneville, 1837)

Dinemoura coleoptrata Guerin-Meneville, 1837 — Cressey, R. F., 1967 a, 54
as syn. of Echthrogaleus coleoptratus (Guerin-Meneville, 1837)

Dinemoura discrepans n. sp. [nomen nudum] — Cressey, R. F., 1965 a, 2928
+sharks

Dinemoura discrepans n. sp. — Cressey, R. F., 1967 a, 39, 43-45, figs. 197-217
key
Alopias vulpinus — Indian Ocean
A. superciliosus — Nosy Bé, Madagascar; Pacific Ocean

Dinemoura elongatus Beneden, 1857 — Cressey, R. F., 1967 a, 41
as syn. of Dinemoura ferox (Krøyer, 1838)

Dinemoura ferox (Krøyer, 1838)
Cressey, R. F., 1967 a, 39, 41-42, figs. 192-193
Syns.: D. elongatus Beneden, 1857; Dinematura carcharodonti Thomson, 1889
shark — Iceland

Dinemoura latifolia (Steenstrup and Lutken, 1861)
Cressey, R. F., 1967 a, 38, 42-43, figs. 194-196
key
Isurus oxyrhynchus — North Atlantic; Indian Ocean

Dinemoura producta (Müller, 1785) Latreille, 1829
Cressey, R. F., 1967 a, 38, 39-40, figs. 190-191
Syns.: Binoculus productus (Müller, 1785) Nordman, 1832; Dinematura gracilis Burmeister, 1833; D. producta (Müller, 1785) Burmeister, 1833; Pandarus lamnae Johnston, 1835; Nogagus gracilis (Burm., 1833) Milne-Edwards, 1840; Dinematura affinis Thomsen, 1949
Isurus oxyrhynchus — off Boothbay Harbor, Maine
Prionace glauca — " " "
Carcharodon carcharias — " " "
Cetorhinus maximus

Dinopsyllinae Wagner, 1939
Hopkins, G. H. E.; and Rothschild, M., 1966 a, 9, 10
Hystrichopsyllidae, key

Dinopsyllus sp.
Beaucournu, J. C., 1966 d
Praomys ou Hylomyscus — all from Makokou
Malacomys longipes

Dinopsyllus ellobius
van Aswegen, P. I. M.; Hesse, P.; and Howell, C. J., 1971 a
laboratory animals, merkaptotion, trichlorfon, piretrum

Dinopsyllus (Dinopsyllus) ellobius (Rothschild, 1905)
Ribeiro, H., 1969 a, figs.
all from Angola
Dasymys incomtus
Vulpes chama
Crocidura luimbalensis
Crocidura sp.
Otomys maximus
Praomys natalensis

Diplaegidia columbae (Buchh., 1869)
Černý, V., 1970 a
Olomouc, ČSSR
Columba livia domestica (Schwanzfedern)

Diptera
Walker, F., 1849 a
collection, British Museum

Docophorulus fringillae (Scopoli, 1772)
Timmermann, G., 1950 a, fig.
all from Iceland
Plectrophenax nivalis
Turdus musicus coburni

Docophorus californiensis Kellogg, 1896
Dalgleish, R. C., 1972 a, 88
as syn. of Penenirmus auritus (Scopoli, 1763)

Docophorus evagans Kellogg, 1896
Dalgleish, R. C., 1972 a, 89
as syn. of Penenirmus auritus (Scopoli, 1763)

Docophorus jungens Kellogg, 1896
Dalgleish, R. C., 1972 a, 100
as syn. of Penenirmus jungens (Kellogg, 1896)

Docophorus macrotrichus Kolenati, 1858
Dalgleish, R. C., 1972 a, 98
as syn. of Penenirmus pici (Fabricius, 1798)

Docophorus maculipes Piaget, 1880
Dalgleish, R. C., 1972 a, 102
as syn. of Penenirmus maculipes (Piaget, 1880)

Docophorus melanocephalus
Hellén, W., 1927 d
Finland

Docophorus scalaris Burmeister, 1838
Dalgleish, R. C., 1972 a, 97
as syn. of Penenirmus pici (Fabricius, 1798)

Docophorus serrilimbus Burmeister, 1838
Dalgleish, R. C., 1972 a, 87
as syn. of Penenirmus serrilimbus (Burmeister, 1838)

Docophorus superciliosus Burmeister, 1838
Dalgleish, R. C., 1972 a, 88
as syn. of Penenirmus auritus (Scopoli, 1763)

Dolops longicauda (Heller, 1857)
Hugghins, E. J., 1970 a
all from Limoncocha lake, northeastern Ecuador
Serrasalmus sp.
Aequidens tetramerus

Dolops ranarum (Stuhlmann)
Fryer, G., 1965 c
Tilapia macrochir — Lake Mweru

Dolops striata (Bouvier, 1899)
Hugghins, E. J., 1970 a
Serrasalmus sp. — Limoncocha lake, northeastern Ecuador
Hoplias malabaricus — Tumichucua lake, northern Bolivia

Doratopsylla sp.
Pinchuk, L. M., 1968 a
Sorex araneus — Moldavia

Doratopsylla birulai Joff.
Igolkin, N. I., 1960 a
all from Ob River shore
Arvicola terrestris
Clethrionomys
[Micromys minutus]
[Neomys]
Sorex

Doratopsylla birulai Ioff, 1927
Okuntsova, E. V.; Savitskiĭ, B. P.; and Voronov, G. A., 1970 a
all from Northern Sakhalin
Sorex caecutiens
S. gracillimus
S. unguiculatus
S. daphaenodon
Clethrionomys rutilus
C. rufocanus

Doratopsylla blarinae C. Fox
Buckner, C. H.; and Blasko, G. G., 1969 a
Blarina brevicauda manitobensis — Manitoba

Doratopsylla blarinae C. Fox
Holland, G.P.; and Benton, A. H., 1968 a
all from Pennsylvania
Blarina brevicauda
Sorex fumeus
Peromyscus sp.

Doratopsylla blarinae Fox
Quackenbush, R. E., 1971 a
Blarina brevicauda — Grout Pond, Windham County, Vermont

Doratopsylla blarinae
Whitaker, J. O. (jr.); and Mumford, R. E., 1972 a
Blarina brevicauda — Indiana

Doratopsylla dampfi
Alaniia, I. I.; Dzneladze, M. T.; Rostigaev, B. A.; and Shiranovich, P. I., 1971 a, 566
all from Adjarian ASSR
Sorex araneus
Apodemus (Sylvimus) sylvaticus

Doratopsylla dasycnema — Peus, F., 1970 a
Talpa europaea
Sorex araneus
S. minutus
S. alpinus
Neomys fodiens
N. anomalus
Crocidura leucodon
Clethrionomys glareolus
Microtus agrestis
Arvicola terrestris
Pitymys subterraneus
Apodemus flavicollis
A. sylvaticus
all from Germany

Doratopsylla dasycnemus Rothschild — Pinchuk, L. M., 1968 a
Sorex araneus
Moldavia

Doratopsylla dasycnema cuspis — Mahnert, V., 1972 a
infectivity, altitude, seasonal distribution
Sorex alpinus
S. araneus
Microtus agrestis
Clethrionomys glareolus
Apodemus sylvaticus
A. flavicollis
all from Tirol, Austria

Doratopsylla dasycnema dasycnema anomalies — Beaucournu, J. C., 1969 b

Doratopsylla d. dasycnema (Rothschild) — Bishop, I. R., 1972 a
Sorex araneus fretalis
Channel Islands

Doratopsylla dasycnema dasycnema (Rothschild) — Fairley, J. W., 1970 a
Apodemus sylvaticus
Ireland

Doratopsylla dasycnema dasycnema — Mahnert, V., 1972 a
infectivity, altitude, seasonal distribution
Sorex alpinus
S. minutus
S. araneus
Clethrionomys glareolus
all from Tirol, Austria

Doratopsylla dasycnema dasycnema (Rothschild) — Roberts, C. J., 1972 a
Sorex araneus — Lancashire, Great Britain
Neomys fodiens — " " "
Talpa europaea — Anglesey, Great Britain

Doratopsylla wissemani new species — Traub, R.; and Evans, T. M., 1967 b, 603, 628-637, figs. 44-56
Hyperacrius sp.
Sorex sp.
Hyperacrius fertilis
all from Pakistan: Hazara Dist., Kaghan Valley, Gitidas

Doratopsyllinae — Hopkins, G. H. E.; and Rothschild, M., 1966 a, 9, 83
Hystrichopsyllidae, key

Doropygus molgulensis n. sp. — Pearse, A. S., [1953 c], 188-189, fig. 1
Molgula occidentalis (branchial cavity)
Alligator Harbor, Florida

Doropygus robustus n. sp. — Pearse, A. S., [1953 c], 189-191, figs. 2-8
Styelia plicata (branchial cavities)
Alligator Harbor, Florida

Drepanorchis neglecta (Fraisse) — Boschma, H., 1960 f, figs.
Inachus leptochirus — south of Spanish Head, Isle of Man
I. dorhynchus — Isle of Man

Dromiciolichus g. n. — Fain, A., 1970 c, 294
Atopomelidae
tod: D. chiliensis sp. n.

Dromiciolichus chiliensis n. g., sp. n. (tod) — Fain, A., 1970 c, 294
Dromiciops australis
Termuco, Chili Sud

Dysgamus sagamiensis sp. n. — Shiino, S. M., 1958 d, 161-166, figs. 1-2
Caranx uraspsis
Sagami Bay, Japan

Dysmicus barrerai (Jordan) — Giménez, D. F.; Ciccarelli, C. A.; and de la Barrera, J. M., 1964 a
Galea leucoblephara
Microcavia a. australis
Phyllotis g. griseoflavus
Tympanoctomys barrerae
all from Argentina

Dysmicus hapalus Jordan — Giménez, D.F.; Ciccarelli, C. A.; and de la Barrera, J. M., 1964 a
Phyllotis g. griseoflavus
Argentina

Dysmicus ixamus Jordan — Giménez, D.F.; Ciccarelli, C. A.; and de la Barrera, J. M., 1964 a
Microcavia australis australis
+Phyllotis (Graomys) griseoflavus griseoflavus (nest)
Argentina, all from

Dyspontiinae subfam. n. — Giesbrecht, W., 1895 b, 180
Ascomyzontidae
includes: Parartrogus; Artotrogus; Conostoma; Myzopontius gen. n.; Pteropontius gen. n.; Gallopontius gen. n.; Dyspontius; Bradypontius gen. n.

Dyspontius brevifurcatus sp. n. — Giesbrecht, W., 1895 b, 186
Naples

Dyspontius capitalis sp. n. — Giesbrecht, W., 1895 b, 185
Naples

Dyspontius normani Brady and Robertson 1875 — Brady, G. S., 1880 a, 63
as syn. of Artotrogus normani (Brady and Robertson)

Dyspontius normani Brady and Robertson — Giesbrecht, W., 1895 b, 183
as syn. of Bradypontius normani Brady and Robertson [n. comb.]

Dyspontius striatus, Thorell — Brady, G. S., 1880 a, 66-68, pl. XCII, figs. 1-13

Dyspontius striatus, Thorell — Giesbrecht, W., 1895 b
Christineborg; Hebrides ?; British seas ?; Wimereux ?

Dyspontius tenuis sp. n. — Giesbrecht, W., 1895 b, 185
Naples

Dyspontius thorellii sp. n. — Giesbrecht, W., 1895 b, 185
Naples

Eadiea longisetosa Dubinin et Karpowitsch, 1958
Desmana pyrenaica
Beron, P., 1971 a
France

Eadiea silvatica n. sp.
Dymecodon pilirostris
Uchikawa, K., 1972 a, 88-92, figs. 1-2
Mt. Fuji, Yamanashi Prefecture, Japan

Echestypus Speiser, 1907
as syn. of Lipoptena Nitzsch, 1818
Vanschuytbroeck, R., 1968 a, 16

Echestypus parvipalpis Speiser, 1908
as syn. of Lipoptena paradoxa Newstead, 1907
Vanschuytbroeck, P., 1968 a, 18

Echidnophaga aethiops Jordan and Rothschild 1906
Nycteris thebaica
Ribeiro, H., 1969 a, fig.
Angola

Echidnophaga calabyi sp. n.
Lasiorhinus latifrons
Mardon, D. K.; and Dunnet, G. M., 1971 a, 123-124, figs. 1, 2
13 miles from Sedan towards Swan Reach, eastern South Australia

Echidnophaga eyrei sp. n.
"host unknown"
Vombatus ursinus
Rattus alexandrinus (= R. rattus)
Mardon, D. K.; and Dunnet, G. M., 1971 a, 123, 127-129, fig. 5
Bairnsdale, Victoria
Mt. Schank, W. South Australia
Adelaide, S. Australia

Echidnophaga gallinacea
seasonal distribution
Lepus capensis
L. crawshayi
Flux, J. E. C., 1972 a
all from Kenya

Echidnophaga gallinacea (Westwood)
Canis familiaris
Holland, G.P.; and Benton, A. H., 1968 a
Pennsylvania

Echidnophaga gallinacea
Spermophilus tereticaudus neglectus (nose, mouth, legs)
Lang, J. D., 1972 a
near Tucson, Arizona

Echidnophaga gallinacea (Westwood)
Gallus gallus
Didelphis marsupialis
Urocyon cinereoargenteus
Peromyscus floridanus
Spilogale putorius
Mustela frenata
Felis catus
Lynx rufus
Falco sparverius
Acinonyx jubatus
Layne, J. N., 1971 a
Alachua County, Florida
Alachua and Highlands County, Florida
Alachua County, Florida
Highlands County, Florida
Highlands County, Florida
" " "
" " "
" " "
Marion County, Florida
" " "

Echidnophaga gallinacea
Mephitis mephitis
Spilogale putorius
Mead, R. A., 1963 a
all from Sacramento Valley, California

Echidnophaga gallinacea
Rattus norvegicus
Mus musculus
Rifaat, M. A.; Mahdi, A. H.; and Arafa, M. S., 1969 b
all from Egypt

Echidnophaga gallinacea
transfer among hosts, epizootiology of plague
Citellus beecheyi
Rattus norvegicus
Sylvilagus audubonii
Ryckman, R. E., 1971 a
all from California

Echidnophaga gallinacea
population density, seasonal fluctuations, climatic factors, Citellus beecheyi
Ryckman, R. E., 1971 b

Echidnophaga gallinacea
deparasitized ground squirrels, reinfestation rate
Ryckman, R. E., 1971 c

Echidnophaga gallinacea
application techniques, dieldrin, ground squirrels
Ryckman, R. E., 1971 d

Echidnophaga gallinacea (Westwood)
Felis domestica
Schiefer, B. A.; and Lancaster, J. L. (jr.), 1970 a
Arkansas

Echidnophaga gallinacea (Westwood, 1875)
Bolfo, dogs
Stampa, S., 1970 a

Echidnophaga gallinacea
wild birds, review
Turner, E. C. (jr.), 1971 a, fig.

Echidnophaga gallinacea
Sturnus vulgaris
Vincent, A. L., 1972 a
San Diego County, California

Echidnophaga gallinacea (Westwood)
Aegolius acadicus
Woods, J. G., 1971 a
Ontario, Canada

Echidnophaga larina Jordan and Rothschild, 1906
Phacochoerus aethiopicus
Ribeiro, H., 1969 a, figs.
Angola

Echidnophaga murina
Rattus norvegicus
Rattus rattus
R. rattus alexandrinus
Mus musculus
Alaniâ, I. I.; Dzneladze, M. T.; Rostigaev, B. A.; and Shiranovich, P. I., 1971 a

Echidnophaga murina (Tiraboschi)
Rattus rattus
R. norvegicus
Romer, J. D., 1955 a
all from Hong Kong

Echidnophaga octotricha sp. n.
Lasiorhinus latifrons
Mardon, D. K.; and Dunnet, G. M., 1971 a, 123, 126, fig. 4
13 miles from Sedan towards Swan Reach, South Australia; Swan Reach, South Australia

Echidnophaga perilis Jordan compared to E. calabyi sp. n.
Mardon, D. K.; and Dunnet, G. M., 1971 a, fig. 3

Echimytricalges g. n.
Lobalgidae, Echimytricalginae subfam. n.
Fain, A., 1970 c, 272
tod: E. brasiliensis sp. n.

Echimytricalges brasiliensis sp. n. (tod)
Echimys braziliensis (poils)
Fain, A., 1970 c, 272
Rio de Janeiro, Brasil

Echimytricalges guyanensis sp. n.
Philander philander (poils)
Fain, A., 1970 c, 272
Guyane française

Echimytricalginae subfam. n.
Lobalgidae
Fain, A., 1970 c, 272
type genus: Echimytricalges g. n.

Echinocheres minutus Claus
as syn. of Cyclopicera minutum Claus
Giesbrecht, W., 1895 b, 175

Echinocheres violaceus Claus
as syn. of Cyclopicera violaceum Claus
Giesbrecht, W., 1895 b, 175

Echinolaelaps echidninus — Carter, R.; and Lee, C. M., 1971 a
Rattus norvegius — Model Cities area, Washington, D. C.

Echinolaelaps echidninus (Berl., 1887) — Okereke, T.A., 1970 a — Nigeria
Rattus rattus

Echinolaelaps giganteus (Berl., 1918) — Okereke, T.A., 1970 a — all from Nigeria
Lemniscomys striatus
Arvicanthis niloticus
Tatera kempii
Rattus (Myomys) daltoni

Echinolaelaps muricola (Tragardh, 1910) — Okereke, T.A., 1970 a — all from Nigeria
Rattus (Myomys) daltoni
Rattus (Praomys) tullbergi
R. (Mastomys) sp.

Echinophthirius horridus (Olfers) — Kaisila, J., 1973 a — near Smeerenburgbreen, Spitsbergen
Pusa hispida

Echinophthirius horridus (von Olfers) — Miller, F. H. (jr.), 1971 b, figs.
scanning electron microscopy, antennal structures

Echinophthirius horridus (von Olfers) — Spencer, G. J., 1966 a — all from British Columbia
Pusa hispida
Phoca vitulina richardii
P. vitulina
P. vitulina concolor

Echthrogaleus Steenstrup and Lütken, 1861 — Cressey, R. F., 1967 a, 5, 53-54
Pandaridae, key
key to females, includes: E. coleoptratus; E. denticulatus; E. torpedinis

Echthrogaleus affinis (Milne-Edwards,1840) Brady, 1883 — Cressey, R. F., 1967 a, 54
as syn. of E. coleoptratus (Guerin-Meneville, 1837)

Echthrogaleus braccatus (Dana, 1852) Heller, 1868 — Cressey, R. F., 1967 a, 54
as syn. of Echthrogaleus coleoptratus (Guerin-Meneville, 1837)

Echthrogaleus coleoptratus (Guerin-Meneville, 1827) — Cressey, R. F., 1967 a, 54-56, figs. 264-280
key
Syns.: Dinemoura alata Guerin-Meneville, 1837; D. coleoptrataGuerin-Meneville, 1837; D. affinis Milne-Edwards, 1840; Dinematura braccata Dana, 1852; Echthrogaleus baccatus (Dana, 1852) Heller, 1868; Nogagus lutkenii Norman, 1868; Echthrogaleus perspicax Olsson, 1868; Echthrogaleus lutkenii (Norman, 1868) Norman and Scott, 1906; E. affinis (Milne-Edwards, 1840) Brady,1883

Prionace glauca	North Atlantic; Indian Ocean
Lamna ditropis	North Pacific
L. nasus	Indian Ocean

Echthrogaleus coleoptratus (Guérin) — O'Riordan, C. E., 1966 a — Ireland: Cummanus Bay, Co. Cork

Echthrogaleus denticulatus Smith, 1874 — Cressey, R. F., 1967 a, 54, 56-57, figs. 281-290
key
Syns.: Dinematura neozealanica Thomson, 1889; Pandarus armatus Thomson, 1889

Alopias pelagicus	Majunga, Madagascar
A. vulpinus	Indian Ocean; Pacific Ocean
Eulamia floridanus	Indian ocean

Echthrogaleus lutkenii (Norman, 1868) — Cressey, R. F., 1967 a, 54
as syn. of E. coleoptratus (Guerin-Meneville, 1837)

Echthrogaleus perspicax Olsson, 1868 — Cressey, R. F., 1967 a, 54
as syn. of E. coleoptratus (Guerin-Meneville, 1837)

Echthrogaleus torpedinis Wilson, 1907 — Cressey, R. F., 1967 a, 54, 58-59, figs. 291-294
Torpedo occidentalis — Provincetown, Mass.

Ectinorus o. onychius (Jordan & Rothschild) — Giménez, D.F.; Ciccarelli, C. A.; and de la Barrera, J. M., 1964 a — Argentina
Phyllotis darwini vaccarum

Ectinorus polymerus Jordan — Giménez, D.F.; Ciccarelli, C. A.; and de la Barrera, J. M., 1964 a — all from Argentina
Tympanoctomys barrerae
Lagidium viscaccia pallipes

Ectinorus setosicornis Jordan — Giménez, D.F.; Ciccarelli, C. A.; and de la Barrera, J. M., 1964 a — all from Argentina
Lagidium viatorum
L. viscaccia pallipes
Microcavia a. australis

Ectinorus trionyx Jordan — Giménez, D.F.; Ciccarelli, C. A.; and de la Barrera, J. M., 1964 a — all from Argentina
Microcavia a. australis
Tympanoctomys barrerae

Ectonyx fusicornis Brennan — Loomis, R. B., 1969 a — Yucatan Peninsula, Mexico
Heteromys gaumeri

Eidmanniella Kéler, 1938 — Ryan, S. O.; and Price, R.D., 1969 a
key to species

Eidmanniella albescens (Piaget, 1880) — Ryan, S. O.; and Price, R.D., 1969 a, figs.
redescription, key
Syns.: Menopon singularis Kellogg and Kuwana, 1902; E. sula Tendeiro, 1958

Morus serrator	
Anous stolidus	Galapagos
Sula leucogaster	Panama, Colombia, British West Indies, Java
S. dactylatra	Hawaii, Galapagos, Pacific Ocean
S. nebouxii	Galapagos, Washington, D.C. Zoo
S. sula	Indian Ocean, Pacific Ocean
S. variegata	Peru, Chile

Eidmanniella eurygaster (Nitzsch, 1866) — Ryan, S. O.; and Price, R.D., 1969 a — Chile
key
Phalacrocorax olivaceus

Eidmanniella nancyae n. sp. — Ryan, S. O.; and Price, R.D., 1969 a, 815, 821, 823, figs. 3, 8-12, 25, 30 — Persian Gulf, Aden
key
Phalacrocorax nigrogularis

Eidmanniella pellucida (Rudow, 1869) — Ryan, S. O.; and Price, R.D., 1969 a, figs.
redescription, key, neotype designated
Syns.: Menopon kuwani Kellogg & Chapman, 1902; Menopon sigmoidale Picaglia, 1885

Phalacrocorax capensis	Hydra Bay, Cape Colony; Claremont, Cape Town
P. carbo	Ethiopia, Kenya, England, Shetland Is.
P. penicillatus	USA
P. albiventer	Argentina

Eidmanniella pellucida.-- Continued.
P. aristotelis
P. auritus
P. bougainvillii
P. gaimardi
P. punctatus
P. varius
Ryan, S. O.; and Price, R.D., 1969 a.-- Continued.
Scotland, Ireland
USA, Canada
Ecuador, Peru
South America
New Zealand
New Zealand

Eidmanniella pustulosa (Nitzsch, 1866)
redescription, key, neotype designated
Sula bassana
Morus bassanus
M. serrator
M. capensis
Ryan, S. O.; and Price, R.D., 1969 a, figs.
Cheddar, Somerset; Montauk, N. Y.; Ross-shire
Orient, N. Y.; Hoy, Orkneys, British Isles
New Zealand
French Cameroons, S. W. Africa, Natal, Cape Province

Eidmanniella subrotunda (Piaget, 1880)
redescription, key
Syn.: Menopon eurum Piaget, 1880
Phalacrocorax sulcirostris
P. fuscicollis
Haliëtor niger
H. africanus
Ryan, S. O.; and Price, R.D., 1969 a, figs.
Ceylon
India
West Transvaal, Southern Rhodesia

Eidmanniella sula Tendeiro 1958
as syn. of E. albescens (Piaget, 1880)
Ryan, S. O.; and Price, R.D., 1969 a

Eltonella crinita Schluger, 1966
Apodemus agrarius
Shluger, E. G.; and Vysotskaîa, S. O., 1970 a
Transcarpathian region

Eltonella (E.) galerida n. sp.
Galerida cristata
Columba livia
Vercammen-Grandjean, P. H.; Rohde, C. J. (jr.); and Mesghali, H., 1970 a, 773, 774, 777, fig. 3a-f
all from Bandar Abbas, Iran

Eltonella (Eltonella) gliri n. sp.
Glis glis
Feider, Z., 1972 a, 35,39-42, 43, figs. 11-21
Pîrtestii de Jos (Rumania)

Eltonella (Coecicula) mastomyia (Radford)
Mastomys natalensis
Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a
South Ghana

Eltonella (E.) meriones n. sp.
Meriones persicus
Vercammen-Grandjean, P. H.; Rohde, C.J. (jr.); and Mesghali, H., 1970 a, 773, 774, 777, fig. 4a-f
Teheran, Iran

Eltonella (Eltonella) radfordi n. sp.
Mus musculus spicilegus (oreille)
Feider, Z., 1972 a, 35-39,43, figs. 1-10
Valea lui David (Iasi) (Rumania)

Enderleinellus sp. (prob. suturalis)
Perognathus parvus
Peromyscus maniculatus
Spermophilus townsendii
Allred, D. M., 1970 d
all from near Idaho Falls, Idaho

Enderleinellus hondurensis Werneck, 1948
Sciurus variegatoides belti
Sciurus variegatoides underwoodi
Sciurus variegatoides n. subsp.
Emerson, K. C., 1971 b
all from Nicaragua

Enderleinellus longiceps
Sciurus carolinensis
Parker, J. C.; and Holliman, R. B., 1972 a
Virginia

Enderleinellus marmotae
Marmota monax
Whitaker, J. O. (jr.); and Schmeltz, L. L., 1973 b
Indiana

Enderleinellus nitzschi
Sciurus vulgaris
Mehl, R., 1971 a, figs.
Norway

Enderleinellus osborni Kellogg and Ferris, 1915
Spermophilus tereticaudus neglectus
Emerson, K. C., 1971 c
Sonora, Mexico

Enderleinellus osborni
Spermophilus tereticaudus neglectus (legs, rump)
Lang, J. D., 1972 a
near Tucson, Arizona

Enderleinellus sphaerocephalus (Nitzsch, 1818) = E. nitzschi (Fahrenholz, 1915)
Sciurus vulgaris
Bouvier, G., 1965 b, fig. 6
Switzerland

Enderleinellus suturalis (Osborn, 1891)
Ammospermophilus harrisii saxicola
Emerson, K. C., 1971 c
Sonora, Mexico

Enderleinellus suturalis
Spermophilus (=Citellus) columbianus
S. franklinii
S. richardsonii
Hilton, D. F. J.; and Mahrt, J. L., 1971 b
all from Alberta

? Enterocola beaumonti sp. n.
Ascidia [sp.]
Scott, T.; and Scott, A., 1895 a, 359-360, 362, pl. XVI, fig. 9; pl. XVII, figs. 9-12
Valentia, Ireland

(?) Enterocola hibernica sp. n.
Ascidia [sp.]
Scott, T.; and Scott, A., 1895 a, 360, 362, pl. XVII, figs. 3-8
Valentia, Ireland

Eomenacanthus cornutus (Schömer, 1913)
as syn. of Gallacanthus cornutus (Schömer, 1913) [n. comb.]
Eichler, W., 1971 b

Eomenacanthus stramineus
economic importance, hens
Deryło, A., 1972 a, figs.

Eomenopon clissoldi
Charmosyna papou
Price, R. D., 1972 a
New Guinea: Moimo, NW of Garaina, Morobe District; Lake Louise, NW of Telefomin, West Sepik District

Eomenopon mirzai n. sp.
Charmosyna wilhelminae
Price, R. D., 1972 a, 23, 24, figs. 1-2
NE of Telefomin, West Sepik District, New Guinea

Eomenopon pulchellae n. sp.
Charmosyna pulchella
Price, R. D., 1972 a, 23, 24, 25, fig. 3
NE of Telefomin, West Sepik District, New Guinea

Epibrachiella Wilson, 1915
as syn. of Brachiella Cuvier, 1830
Kabata, Z., 1973 a

Epibrachiella impudica (Nordmann, 1832) Wilson, 1915
restored to Brachiella
Kabata, Z., 1973 a

Epidermoptidae gen. sp.
description
Aegithalos caudatus
Shumilo, R. P.; and Loĭanich, A. A., 1968 a, fig.
Moldavia

Epitedia cavernicola Traub
Neotoma magister
Holland, G.P.; and Benton, A. H., 1968 a
Pennsylvania

Epitedia faceta (Rothschild)
Glaucomys volans
Tamiasciurus hudsonicus
Mustela frenata
Holland, G.P.; and Benton, A. H., 1968 a
all from Pennsylvania

Epitedia neotomae Jameson
Neotoma floridana
Cryptotis parva parva
Didelphis marsupialis virginiana
Schiefer, B. A.; and Lancaster, J. L. (jr.), 1970 a
all from Arkansas

Epitedia stanfordi
Peromyscus maniculatus
Allred, D. M., 1968 a
National Reactor Testing Station, Idaho

Epitedia stanfordi
Peromyscus maniculatus
P. truei
Douglas, C. L., 1969 a, 493
all from Mesa Verde National Park, Colorado

Epitedia stanfordi Traub
ecology, infestation rates compared, deer and harvest mice
Elzinga, R. J.; and Rees, D. M., 1964 b

Epitedia wenmanni
Dipodomys ordii
Neotoma cinerea
Peromyscus maniculatus
Allred, D. M., 1968 a
all from National Reactor Testing Station, Idaho

Epitedia wenmanni (Rothschild)
Sorex cinereus cinereus
Buckner, C. H.; and Blasko, G. G., 1969 a
Manitoba

Epitedia wenmanni
Peromyscus maniculatis
Ulrich, M. G.; and Vaughn, C. M., 1963 a

Epitedia wenmanni
Blarina brevicauda
Whitaker, J. O. (jr.); and Mumford, R. E., 1972 a
Indiana

Epitedia wenmanni (Jordan)
Peromyscus maniculatus
Wyman, R. L.; and Schaefer, K., 1972 a
Texas Co., Oklahoma

Epitedia wenmanni testor (Rothschild)
Holland, G.P.; and Benton, A. H., 1968 a, fig.
Pennsylvania

Epitedia wenmanni wenmanni (Rotshchild)
Holland, G.P.; and Benton, A. H., 1968 a, fig.
Pennsylvania

Eremophthirius taterae, Fahrenholz, 1938
as syn. of Polyplax tatera Ferris
Kim, K. C.; and Emerson, K. C., 1970 a, 408

Ergasiloides Sars
"suppressed"
Ergasilus "includes the Sarsian genus Ergasiloides"
Fryer, G., 1965 c, 21

Ergasilus Nordmann
redefinition
"includes the Sarsian genus Ergasiloides"
Fryer, G., 1965 c, 14

Ergasilus spp.
Centrarchus macropterus
Lepomis auritus
L. gibbosus
Burris, K. W.; and Miller, G. C., 1972 a
all from North Carolina

Ergasilus [sp.] cf. megacheir
Synodontis multipunctatus
S. granulosus
Fryer, G., 1965 c
all from Lake Tanganyika

Ergasilus sp.
description
Sukhenko, G. E.; and Polishchuk, V. V., 1969 a, figs.
Yalpukh estuary

Ergasilus sp.
Salvelinus fontinalis
Salmo trutta
Threlfall, W.; and Hanek, G., 1970 b
all from Avalon Peninsula, Newfoundland

Ergasilus arthrosis Rogers 1969
Perca flavescens
Morone americana
Burris, K. W.; and Miller, G. C., 1972 a
all from North Carolina

Ergasilus briani Markewitsch, 1932
Osmanov, S. O., 1971 a, 236
Uzbekistan

Ergasilus briani Markewitsch
Sukhenko, G. E.; and Polishchuk, V. V., 1969 a
Kitay, Yalpukh and Kagul estuaries

Ergasilus briani
Gobio gobio
Abramis brama
Tomnatik, E.N.; and Esinenko-Marits, N. M., 1968 a
all from Moldavian reservoirs

Ergasilus caeruleus Wilson 1911
Enneacanthus gloriosus
Lepomis auritus
L. gibbosus
L. macrochirus
Micropterus salmoides
Pomoxis annularis
P. nigromaculatus
Burris, K. W.; and Miller, G. C., 1972 a
all from North Carolina

Ergasilus celestis Mueller, 1936
Anguilla rostrata
Burris, K. W.; and Miller, G. C., 1972 a
North Carolina

Ergasilus centrarchidarum Wright, 1882
Acantharchus pomotis
Centrarchus macropterus
Chaenobryttus coronarius
Lepomis cyanellus
L. gibbosus
L. macrochirus
L. microlophus
Micropterus salmoides
Pomoxis nigromaculatus
Burris, K. W.; and Miller, G. C., 1972 a
all from North Carolina

Ergasilus cerastes sp. n.
Syn.: E. elegans Wilson, 1916, of Mueller, 1936
Ictalurus sp.
Roberts, L. S., 1969 a, 1266-1270, figs. 1-9
fish market, Washington, D.C.; Florida

Ergasilus cerastes Roberts, 1969
Syn.: Ergasilus elegans Wilson sensu Mueller, 1936
Johnson, S. K.; and Rogers, W. A., 1972 a, 388, fig.

Ergasilus chautauquaensis Fellows, 1887 — Johnson, S. K.; and Rogers, W. A., 1972 a, fig.

Ergasilus clupeidarum sp. n. (gills of all) — Johnson, S. K.; and Rogers, W. A., 1972 a, 385-388,389, figs. 1-8
- Alosa chrysochloris — Mobile Bay, Baldwin Co., Alabama
- Dorosoma cepedianum — Uphapee Cr., Tallapoosa River Dr., Macon Co., Alabama
- Dorosoma petenense — Walter F. George Reservoir Russell Co., Alabama
- Alosa aestivalis — Cooper R., Berkeley Co., South Carolina

Ergasilus confusus — Tedla, S.; and Fernando, C. H., 1969 c
- Roccus americanus — Bay of Quinte, Lake Ontario and Lake Oneida, New York

Ergasilus cyanopictus Carvalho, 1962 — Johnson, S. K.; and Rogers, W. A., 1972 a, 392
as syn. of Ergasilus versicolor Wilson, 1911

Ergasilus cyprinaceus sp. n. — Rogers, W. A., 1969 c, 443-446, figs. 1-9
- biology, pathology — all from Tallapoosa River System, Wire Road, Auburn, Lee County, Alabama
- Notropis baileyi
- Notropis venustus
- Nocomis leptocephalus bellicus
- Campostoma anomalum
- Semotilus atromaculatus
- Notropis chrysocephalus isolepis

Ergasilus cyprinaceus Rogers 1969 — Burris, K. W.; and Miller, G. C., 1972 a
- Pomoxis nigromaculatus
- Ictalurus natalis

all from North Carolina

Ergasilus elegans Wilson, 1916 — Johnson, S. K.; and Rogers, W. A., 1972 a, 391
as syn. of Ergasilus versicolor Wilson, 1911

Ergasilus elegans Wilson sensu Mueller, 1936 — Johnson, S. K.; and Rogers, W. A., 1972 a, 388
as syn. of Ergasilus cerastes Roberts, 1969

Ergasilus elegans Wilson, 1916, of Mueller, 1936 — Roberts, L. S., 1969 a, 1266
as syn. of E. cerastes sp. n.

Ergasilus elongatus Wilson, 1916 — Johnson, S. K.; and Rogers, W. A., 1972 a, fig.

Ergasilus elongatus Thomsen ([non] E. elongatus Wilson, 1916), 1949 — Johnson, S. K.; and Rogers, W. A., 1972 a, 390
as syn. of Ergasilus felichthys (Pearse, 1947) comb. n.

Ergasilus felichthys (Pearse, 1947) comb. n. — Johnson, S. K.; and Rogers, W. A., 1972 a, 390, fig. 12
Syns.: Ergasilus elongatus Thomsen ([non] E. elongatus Wilson, 1916), 1949; Macrobrachinus felichthys Pearse, 1947; Ergasilus thomseni Yamaguti, 1963

Ergasilus flaccidus sp. nov. — Fryer, G., 1965 c, 7-9, figs. 4-8
- Tilapia tanganicae (gills) — Lake Tanganyika

Ergasilus kandti van Douwe — Fryer, G., 1965 c
- Lates niloticus albertianus — Lake Albert
- Tilapia sp. — Lake Tanganyika
- Limnotilapia dardennei — " "
- Plecodus paradoxus — " "
- Tilapia tanganicae — " "
- Lamprologus lemairei — " "

Ergasilus lizae Krøyer sensu Thomsen, 1949 — Johnson, S. K.; and Rogers, W. A., 1972 a, 391
as syn. of Ergasilus versicolor Wilson, 1911

Ergasilus lizae Kryer — Pearse, A. S., [1953 c]
- Mugil cephalus (gills) — all from Alligator Harbor, Florida
- M. curema (gills)

Ergasilus megaceros Wilson 1916 — Burris, K. W.; and Miller, G. C., 1972 a
- Notemigonus crysoleucas — all from North Carolina
- Ictalurus natalis

Ergasilus megaceros Wilson, 1916 — Johnson, S. K.; and Rogers, W. A., 1972 a, fig.

Ergasilus megacheir (Sars) [n. comb.] — Fryer, G., 1965 c, 9, figs.
- Cyphotilapia frontosa — all from Lake Tanganyika
- Bathybates minor
- B. fasciatus
- Haplotaxodon microlepis
- Plecodus paradoxus
- Limnotilapia dardennei

Ergasilus mugilus (?) Vogt, 1877 — Johnson, S. K.; and Rogers, W. A., 1972 a

Ergasilus mugilis Vogt — Pearse, A. S., [1953 c]
- Mugil cephalus (gills) — Alligator Harbor, Florida

Ergasilus rhinos sp. n. — Burris, K.W.; and Miller, G.C., 1972 b, 600-604, figs. 1-9
- Centrarchus macropterus
- Lepomis gibbosus
- L. auritus
- (nasal fossae of all)

Black River, tributary of Cape Fear River, North Carolina

Ergasilus sieboldi — Babaev, B., 1969 a
- fish disease — Karakum canal

Ergasilus sieboldi — D'iachenko, G. V., 1969 a, figs.
- compared to E. tissensis sp. n.

Ergasilus sieboldi — Halvorsen, O., 1971 b
- Rutilus rutilus
- Rutilus rutilus x Abramis brama
- Abramis brama
- Blicca bjoerkna
- Esox lucius

all from river Glomma, south-eastern Norway

Ergasilus sieboldi — Halvorsen, O., 1972 a
- seasonality, temperature, occurrence and reproduction, pike

river Glomma, southeastern Norway

Ergasilus sieboldi — Halvorsen, O.; and Andersen, K., 1973 a, fig.
- Rutilus rutilus
- Abramis brama X Rutilus rutilus
- Abramis brama
- Blicca bjoerkna
- Esox lucius

all from river Glomma

Ergasilus sieboldi
development, seasonal variations in temperature, pike
Kuperman, B. I.; and Shul'man, R. E., 1972 a

Ergasilus sieboldi
Mugil capito (gill filaments and arches)
M. cephalus "
Lahav, M.; and Sarig, S., 1967 a, figs. 7-8
all from Israel fish ponds

Ergasilus sieboldi Nordmann, 1832
(gills of all)
Acipenser nudiventris
A. stellatus
Pseudoscaphirhynchus kaufmanni
Salmo trutta aralensis
Esox lucius
Rutilus rutilus aralensis
Leuciscus idus oxianus
Scardinius erythrophthalmus
Aspius aspius taeniatus n. iblioides
Barbus capito conocephalus
B. brachycephalus
Chalcalburnus chalcoides aralensis
Abramis sapa bergi n. aralensis
[Abramis brama bergi]
Pelecus cultratus
Carassius auratus gibelio
Cyprinus carpio
Silurus glanis
Lucioperca lucioperca
Perca fluviatilis
Osmanov, S. O., 1971 a, 233, fig.
all from Uzbekistan

Ergasilus sieboldi
high floods, changes in parasite fauna
[Silurus glanis]
Shaova, N. D., 1969 b
Kuban river

Ergasilus sieboldi Nordm.
Sukhenko, G. E.; and Polishchuk, V. V., 1969 a
Katlabukh, Kagul and Yalpukh estuaries

Ergasilus sieboldi
Leucaspius delineatus
Gobio gobio
Lucioperca lucioperca
Cyprinus carpio
Abramis brama
Coregonus lavaretus marenoides
Tomnatik, E.N.; and Esinenko-Marits, N. M., 1968 a
all from Moldavian reservoirs

Ergasilus sieboldi
Perca fluviatilis
Wierzbicka, J.; and Wierzbicki, K., 1971 a
Legińskie Lake

Ergasilus sieboldi
Esox lucius (gills)
Wita, I., 1971 a, figs.
Strengiel lakes (Masurian region), Poland

Ergasilus sieboldi
Esox lucius
Wita, I., 1972 a

Ergasilus tenax Roberts, 1[illegible]
Johnson, S. K.; and Rogers, W. A., 1972 a, fig.

Ergasilus thomseni Yamaguti, 1963
Johnson, S. K.; and Rogers, W. A., 1972 a, 390
as syn. of Ergasilus felichthys (Pearse, 1947) comb. n.

Ergasilus tissensis sp.n.
Barbus barbus
Vimba vimba
Blicca bjoerkna
D'iachenko, G. V., 1969 a, 554-558, figs. 1B, 2B, 3B
all from Tissa river

Ergasilus tissensis sp. n.--Continued.
Leuciscus leuciscus
Gobio gobio
Chondrostoma nasus
Alburnus alburnus
Rutilus rutilus
Phoxinus phoxinus
(gills of all)
D'iachenko, G. V., 1969 a.--Continued.

Ergasilus versicolor Wilson, 1911
Syns.: Ergasilus elegans Wilson, 1916; E. lizae Krøyer sensu Thomsen, 1949; E. cyanopictus Carvalho, 1962
Johnson, S. K.; and Rogers, W. A., 1972 a, 391,392, fig.

Ergasilus wareaglei sp. n.
Hypentelium nigricans
(gill filaments)
Johnson, S. K., 1971 b, 243-247, figs. 1-9
Tennessee River drainage, Flint River system, Madison County, Alabama; Burton's Creek, Leaf River Drainage, Covington County, Mississippi; Leaf River Drainage, Jones County, Mississippi; Chickasawhay River Drainage, Clarke County, Mississippi; Flint River Drainage, Madison County, Alabama; Cahaba River Drainage, Shelby County, Alabama

Eristalis tenax
intestinal myiasis, man
Scuderi, G., 1964 a, figs. 1-2

Eritranis andricus (Jordan)
Galea leucoblephara
Conepatus castaneus proteus
Dusicyon griseus gracilis
Microcavia a. australis
Phyllotis (Graomys) g. griseoflavus
Giménez, D. F.; Ciccarelli, C. A.; and de la Barrera, J. M., 1964 a
all from Argentina

Eubrachylaelaps sp.
Dipodomys ordii
Peromyscus maniculatus
Allred, D. M., 1970 d
all from near Idaho Falls, Idaho

Eubrachylaelaps circularis
Peromyscus maniculatus
Allred, D.M., 1970 d
near Idaho Falls, Idaho

Eubrachylaelaps crowei
Dipodomys ordii
Onychomys leucogaster
Peromyscus maniculatus
Allred, D. M., 1970 d
all from near Idaho Falls, Idaho

Eubrachylaelaps debilis
Crotalus viridis
Centrocercus urophasianus
Dipodomys ordii
Onychomys leucogaster
Perognathus parvus
Peromyscus maniculatus
Allred, D. M., 1970 d
all from near Idaho Falls, Idaho

Eubrachylaelaps debilis
ectoparasite consortism, mammals
Allred, D. M., 1971 a
National Reactor Testing Station, Idaho

Eucampsipoda africanum Theodor, 1955
Vanschuytbroeck, P., 1968 a, 24-25
Katanga

Eucampsipoda hyrtlii (Kolenati, 1856)
Hůrka, K., 1970 b

Eucheyletia flabellifera — Mead Briggs, A. R.; and Hughes, A. M., 1966 a
Oryctolagus cuniculus — Great Britain

Eucheyletiella ochotonae (Volgin) — Volgin, V. I., 1966 c, fig. 7
morphological peculiarities, ontogenetical development

Eucolpocephalum — Ledger, J. A., 1971 b
common ancestor with Plegadiphilus

Eudactylina longispina Bere — Pearse, A. S., [1953 c]
Sphyrna tiburo — Alligator Harbor, Florida

Eudactylina turgipes Bere — Pearse, A. S., [1953 c]
Pteroplatea micrura (gills) — Alligator Harbor, Florida

Eudusbabekia new name for Jamesonia Dusbábek, 1967, preoccupied by Jamesonia Bolivar, 1909; key to species — Jameson, E. W. (jr.), 1971 a, 513

Eudusbabekia cernyi [n. comb.] — Jameson, E. W. (jr.), 1971 a, 515
key

Eudusbabekia danieli [n. comb.] — Jameson, E. W. (jr.), 1971 a, 515
key

Eudusbabekia jimenezi [n. comb.] — Jameson, E. W. (jr.), 1971 a, 515
key

Eudusbabekia lepidoseta n. sp. — Jameson, E. W. (jr.), 1971 a, 513, 514, 515, 516, 518, figs. 1, 2
key
Sturnira lilium parvidens — Nicaragua, Nueva Segovia, 1-1/2 km N and 1 km E Jalapa

Eudusbabekia phyllostomi n. sp. — Jameson, E. W. (jr.), 1971 a, 513, 515, 517, fig. 3
key
Phyllostomus discolor verrucosus — Nicaragua, Carazo, 3 km N, 4 km W Diriamba

Eudusbabekia rosickyi [n. comb.] — Jameson, E. W. (jr.), 1971 a, 515
key

Eudusbabekia saguei [n. comb.] — Jameson, E. W. (jr.), 1971 a, 515
key

Eudusbabekia samsinaki [n. comb.] — Jameson, E. W. (jr.), 1971 a, 518
key

Eudusbabekia viguerasi [n. comb.] — Jameson, E. W. (jr.), 1971 a, 515
key

Eugamasidae Hirschmann, 1962 non det. — Edler, A.; and Mehl, R., 1972 a
Lemmus lemmus
Clethrionomys rutilus
C. glareolus
Microtus agrestis
M. oeconomus
Apodemus sylvaticus
Sorex araneus
all from Norway

Eugamasus sp. — Mahnert, V., 1971 a
Clethrionomys glareolus — the Tirol, Austria

Eugamasus loricatus — Mead Briggs, A. R.; and Hughes, A. M., 1966 a
Oryctolagus cuniculus — Great Britain

Eugamasus lunulatus — Mahnert, V., 1971 a
Sorex araneus
Apodemus flavicollis
Clethrionomys glareolus
all from the Tirol, Austria

Eugamasus remberti — Mahnert, V., 1971 a
Sorex araneus
Neomys anomalus milleri
Apodemus flavicollis
Microtus agrestis
Sorex alpinus
Pitymys subterraneus
Clethrionomys glareolus
Microtus nivalis
all from the Tirol, Austria

Eugamasus remberti — Mead Briggs, A. R.; and Hughes, A. M., 1966 a
Oryctolagus cuniculus — Great Britain

Eulaelaps cricetuli — Senotrusova, V. N.; and Shubin, I. G., 1969 a
Lagurus luteus — Zaisansky Hollow

Eulaelaps kolpakovae — Senotrusova, V. N.; and Shubin, I. G., 1969 a
Lagurus luteus — Zaisansky Hollow

Eulaelaps stabularis (C.L. Koch, 1836) — Davydov, G.S.; and Morozova, I.V., 1970 a
Meriones erythrourus
Rhombomys opimus
Meriones tamariscinus
M. meridianus
Ellobius talpinus
Mus musculus
Apodemus sylvaticus
Rattus turkestanicus
Nesokia indica
Allactaga elater
Cricetulus migratorius
Microtus afghanus
Citellus fulvus
C. relictus
all from Tadzhikistan

Eulaelaps stabularis — Edler, A.; and Mehl, R., 1972 a
Sorex araneus
S. isodon
Neomys fodiens
Lemmus lemmus
Clethrionomys rutilus
C. glareolus
C. rufocanus
Microtus agrestis
M. oeconomus
Apodemus flavicollis
A. sylvaticus
Mus musculus
all from Norway

Eulaelaps stabularis — Garrett, D. A.; and Allred, D. M., 1971 a, 293, 294, 298
key
Apodemus mysticanus — Kemalpasa and Yamanlar, Turkey
A. sylvaticus — Bornova, Yamanlar, Turkey
Apodemus — Gumuldur, Turkey
Mus musculus — Gordes, Yamanlar, Bornova, Guzelbahce, Kemalpasa and Tekeli, Turkey
Microtus — Guzelbahce, Turkey

Eulaelaps stabularis Koch.
Arvicola terrestris
Microtus oeconomus
Clethrionomys
[Apodemus agrarius]
Sorex
— Igolkin, N. I., 1960 a
all from Ob River shore

Eulaelaps stabularis
Talpa europaea
Apodemus flavicollis
A. sylvaticus
Clethrionomys glareolus
Microtus agrestis
Pitymys subterraneus
Microtus nivalis
— Mahnert, V., 1971 a
all from the Tirol, Austria

Eulaelaps stabularis
Oryctolagus cuniculus
— Mead Briggs, A. R.; and Hughes, A. M., 1966 a
localities throughout Great Britain

Eulaelaps stabularis (C.L. Koch)
Sorex araneus
Neomys anomalus
Talpa europaea
— Pinchuk, L. M., 1968 a
all from Moldavia

Eulaelaps stabularis — Popov, V. M.; and Igolkin, N. I., 1960 a
eastern part, West Siberia

Eulaelaps stabularis (Koch, 1836)
Meriones tristrami
— Sonenshine, D.E.; and Ziv, M., 1971 a
Israel

Eulaelaps stabularis
Blarina brevicauda
— Whitaker, J. O. (jr.); and Mumford, R. E., 1972 a
Indiana

Eulaelaps stabularis
Marmota monax
— Whitaker, J. O. (jr.); and Schmeltz, L. L., 1973 b
Indiana

Eulaemobothrion Ewing
key
morphology, evolutionary trends
— Lakshminarayana, K. V., 1970 a

Eulaemobothrion biswasi
morphology
— Lakshminarayana, K. V., 1970 a, figs.

Eulaemobothrion nigrum (Burm.)
Colymbus caspicus
— Shcherbinina, O. Kh., 1969 a
Turkmenia

Euryparasitus emarginatus
Sorex araneus
Clethrionomys glareolus
Apodemus sylvaticus
— Edler, A.; and Mehl, R., 1972 a
all from Norway

Euryparasitus emarginatus
Sorex araneus
Apodemus flavicollis
Apodemus sylvaticus
Microtus agrestis
Sorex alpinus
Pitymys subterraneus
Microtus nivalis
— Mahnert, V., 1971 a
all from the Tirol, Austria

Euryparasitus emarginatus
Oryctolagus cuniculus
— Mead Briggs, A. R.; and Hughes, A. M., 1966 a
Great Britain

Euryparasitus emarginatus — Popov, V. M.; and Igolkin, N. I., 1960 a
eastern part, West Siberia

Eurytrichodectes machadoi n. sp.
Dendrohyrax (Heterohyrax) brucei bocagei
— Werneck, F. L., 1958 a, 141-146, figs. 1-7
Marco de Canavezes (Cubal de Ganda), distrito de Benguela, Angola

Eusaperium gen. n.
Trombiculidae
— Brennan, J. M., 1970 e, 807
tod: E. vangelderi sp. n.

Eusaperium colombiana (Brennan, 1968) n. comb.
— Brennan, J. M., 1970 e, 807

Eusaperium pamelae (Brennan, 1968) n. comb.
— Brennan, J. M., 1970 e, 807

Eusaperium vangelderi sp. n. (tod)
Oryzomys capito
— Brennan, J. M., 1970 e, 807-808, fig. 1
Remanso, Baures River, Beni, Bolivia

Euschoengastia sp.
Dipodomys ordii
Microtus montanus
Perognathus parvus
Peromyscus maniculatus
— Allred, D. M., 1970 d
all from near Idaho Falls, Idaho

Euschoengastia bigenuala Farrell
Liomys irroratus texensis
— Eads, R. B.; Treviño, H. A.; and Campos, E. G., 1965 a
Cameron County, Texas

Euschongastia blarinae (Ewing)
Blarina brevicauda
— Manischewitz, J. R., 1966 a
New Jersey

Euschongastia blarinae
Sorex palustris
— Whitaker, J. O. (jr.); and Schmeltz, L. L., 1973 a
St. Louis County, Minnesota

Euschoengastia cordiremus
Dipodomys ordii
Peromyscus maniculatus
— Allred, D. M., 1970 d
all from near Idaho Falls, Idaho

Euschoengastia criceticola
Peromyscus maniculatus
— Allred, D. M., 1970 d
near Idaho Falls, Idaho

Euschoengastia criceticola
Peromyscus maniculatus
— Douglas, C. L., 1969 a, 493
Mesa Verde National Park, Colorado

Euschongastia criceticola Brennan
ecology, infestation rates
— Elzinga, R. J.; and Rees, D. M., 1964 b
compared, deer and harvest mice

Euschoengastia decipiens
Zonotrichia leucophrys
Dipodomys ordii
Eutamias minimus
Lepus californicus
Neotoma cinerea
Perognathus parvus
Peromyscus maniculatus
Sylvilagus idahoensis
S. nuttallii
Thomomys talpoides
— Allred, D. M., 1970 d
all from near Idaho Falls, Idaho

Euschoengastia decipiens
ectoparasite consortism, mammals
Allred, D. M., 1971 a
National Reactor Testing Station, Idaho

Euschoengastia decipiens
Peromyscus truei
Douglas, C. L., 1969 a
Mesa Verde National Park, Colorado

Euschoengastia (s.l.) desmodus (Brennan and Dalmat, 1960)
Glossophaga soricina (ventral wing membrane)
Carollia perspicillata
Brennan, J. M.; and Lukoschus, F. S., 1971 a
all from Surinam

Euschoengastia desmodus Brennan and Dalmat, 1960
as syn. of Loomisia desmodus (Brennan and Dalmat) comb.n.
Brennan, J.M.; and Reed, J.T., 1972 a

Euschoengastia desmodus Brennan and Dalmat
Glossophaga soricina leachii
Mimon cozumelae
Loomis, R. B., 1969 a
Yucatan Peninsula, Mexico, all from

Euschoengastia (Euschoengastia) europaea n. sp.
Apodemus flavicollis (anus)
Kolebinova, M. G., 1971 a, 915-917, fig. 1
Balkan mountains, resthouse Buzludža

Euschoengastia fasolla
Eutamias minimus
Allred, D. M., 1970 d
near Idaho Falls, Idaho

Euschoengastia (Farrellicides) jamesoni (Brennan, 1948) n. comb.
Syn.: Trombicula jamesoni Brennan, 1948
Blarina brevicauda brevicauda
Sorex c. cinereus
S. f. fumeus
Vercammen-Grandjean, P. H., 1971 e, figs. 1-6
Brennan, 1948
Tompkins County, New York, all from

Euschoengastia lacerta Brennan
Liomys irroratus texensis
Eads, R. B.; Treviño, H. A.; and Campos, E. G., 1965 a
Cameron County, Texas

Euschoengastia lanei
Peromyscus maniculatus
Allred, D. M., 1970 d
near Idaho Falls, Idaho

Euschoengastia lanei
Peromyscus maniculatus
P. truei
Douglas, C. L., 1969 a, 493
all from Mesa Verde National Park, Colorado

Euschoengastia lanius
as syn. of Helenicula lanius (Radford, 1946)
Nadchatram, M.; and Traub, R., 1971 a

Euschoengastia lucida Schluger, 1966
geographic and seasonal distribution
Muliarskaia, L. V.; et al., 1971 a
Western Azerbaĭdzhan

Euschoengastia luteodema
Lepus californicus
Allred, D. M., 1970 d
near Idaho Falls, Idaho

Euschongastia marmotae Farrell
Marmota monax
Manischewitz, J. R., 1966 a
New Jersey

Euschongastia marmotae
Marmota monax
Whitaker, J. O. (jr.); and Schmeltz, L. L., 1973 b
Indiana

Euschoengastia miyagawai Sasa, Kumada and Miura, 1951
as syn. of Helenicula miyagawai (Sasa, Kumada and Miura, 1951)
Nadchatram, M.; and Traub, R., 1971 a

E[uschoengastia] nunezi
human molluscoid dermatitis, clinical aspects, epidemiology, diagnosis
Arellano Ocampo, F.; Moreno Reyes, J.; and Tamayo Pérez, R., 1970 a
Mexico

Euschoengastia oregonensis
Salpinctes obsoletus
Allred, D. M., 1970 d
near Idaho Falls, Idaho

Euschoengastia peromysci (Ewing)
Tamias striatus
Microtus pinetorum
Crossley, D. A. (jr.); and Proctor, C. W. (jr.), 1971 a
all from Clarke County, Georgia

Euschoengastia peromysci
Peromyscus maniculatus
Douglas, C. L., 1969 a, 493
Mesa Verde National Park, Colorado

Euschongastia peromysci (Ewing)
Peromyscus leucopus
Pitymys pinetorum
Microtus pennsylvanicus
Clethrionomys gapperi
Rattus norvegicus
Manischewitz, J. R., 1966 a
all from New Jersey

Euschoengastia pomerantzi
Eutamias minimus
Allred, D. M., 1970 d
near Idaho Falls, Idaho

Euschoengastia radfordi
Amphispiza belli
Centrocercus urophasianus
Chordeiles minor
Eremophila alpestris
Junco oreganus
Lanius ludovicianus
Leucosticte tephrocotis
Dipodomys ordii
Lepus californicus
Perognathus parvus
Peromyscus maniculatus
Sylvilagus nuttallii
Allred, D. M., 1970 d
all from near Idaho Falls, Idaho

Euschongastia radfordi Brennan and Jones
ecology, infestation rates compared, deer and harvest mice
Elzinga, R. J.; and Rees, D. M., 1964 b

Euschoengastia schmuteri Schluger, 1966
geographic and seasonal distribution
Muliarskaia, L. V.; et al., 1971 a
Western Azerbaĭdzhan

Euschoengastia sciuricola
Eutamias minimus
Marmota flaviventris
Allred, D. M., 1970 d
all from near Idaho Falls, Idaho

Euschongastia setosa (Ewing)
Peromyscus leucopus
Manischewitz, J. R., 1966 a
New Jersey

Euschoengastia tragulata Brennan and Jones, 1961
Oryzomys capito
Brennan, J. M., 1970 e
Bolivia

Euschoengastia trigenuala Farrell 1956
Blarina brevicauda
Tamias striatus
Crossley, D. A. (jr.); and Proctor, C. W. (jr.), 1971 a
all from Clarke County, Georgia

Euschoengastoides Loomis
key to larval stages
diagnosis
Loomis, R.B., 1971 a
North America

Euschoengastoides annectens sp. n.	Loomis, R.B., 1971 a, 689, 693, 694, 699, 703, 706, fig. 11
key	
Perognathus artus	near Alamos, Sonora, Mexico
P. pernix	near Alamos and Navojoa, Mexico
P. goldmani	La Aduana and El Novillo, Mexico
Peromyscus eremicus	near Alamos and El Novillo, Mexico
Perognathus sp.	

Euschoengastoides arizonae sp. n.	Loomis, R. B., 1971 a, 689, 696, 697, 699-700, 701, 703, 706, fig. 12
key	
Perognathus penicillatus	Mexico, Arizona, Texas
P. baileyi	" "
Dipodomys merriami	" " , California, New Mexico, Texas
Perognathus hispidus	Mexico
P. intermedius	" , Arizona, New Mexico
Liomys pictus	"
Perognathus goldmani	"
P. artus	"
P. pernix	"
Peromyscus eremicus	"
Onychomys torridus	" , Arizona, California, New Mexico
O. leucogaster	Mexico
Dipodomys ordii	Arizona, Texas, New Mexico
Perognathus amplus	"
Neotoma albigula	"
N. lepida	California
Perognathus formosus	"
Dipodomys deserti	"
Perognathus spinatus	"
P. flavus	New Mexico
Peromyscus boylii	"
Dipodomys spectabilis	Texas
Peromyscus maniculatus	"
Peromyscus sp.	
P. leucopus	

Euschoengastoides expansellus sp. n.	Loomis, R. B., 1971 a, 689, 696, 700, 701, 706, fig. 15
key	
Liomys pictus	Sinaloa, Mexico
Perognathus artus	"
P. pernix	"
P. goldmani	Sonora, Mexico

Euschoengastoides hoplai (Loomis)	Loomis, R.B., 1971 a, figs.
key	
diagnosis	
Neotoma micropus	Kansas
Cynomys ludovicianus	"
Perognathus hispidus	"
P. merriami	Texas
Citellus tridecemlineatus	"

Euschoengastoides imperfectus (Brennan and Jones), comb. n.	Loomis, R.B., 1971 a, 689, 693, 695, 706, fig. 10
key	
Syns.: Trombicula imperfecta Brennan and Jones, 1954; T. (Euschoengastoides) hoplai Loomis, 1956 (in part)	
Perognathus formosus	Mexico, California
P. intermedius	Mexico
P. penicillatus	Mexico, Arizona, California, New Mexico, Texas
Dipodomys merriami	Arizona, California
Perognathus baileyi	Arizona
P. longimembris	California
Ammospermophilus leucurus	"
Perognathus spinatus	"

Euschoengastoides imperfectus.— Continued.	Loomis, R. B., 1971 a.— Continued.
Peromyscus eremicus	California
Perognathus sp.	"
Dipodomys spectabilis	New Mexico
Perognathus flavus	"

Euschoengastoides loomisi (Crossley & Lipovsky)	Eads, R. B.; Treviño, H. A.; and Campos, E. G., 1965 a
Liomys irroratus texensis	Cameron County, Texas

Euschoengastoides neotomae sp. n.	Loomis, R.B., 1971 a, 689, 694, 695, 697, 699, 703, 706, fig. 9
key	
Syns.: Trombicula (Euschoengastoides) hoplai Loomis, 1954 (in part); Loomis, 1956 (in part); T. imperfecta Brennan and Jones, 1954 (in part); T. hoplai [sensu] Brennan and Beck, 1956; [sensu] Finley, 1958; [sensu] Allred and Beck, 1966	
Peromyscus eremicus	Mexico, Arizona, California, New Mexico
P. guardia	Baja California, Mexico
Neotoma lepida	Mexico, California, Colorado
Perognathus baileyi	Mexico
Peromyscus boylii	Mexico, New Mexico
Neotoma albigula	Mexico, Arizona, New Mexico
Perognathus penicillatus	Mexico, Arizona, Texas, New Mexico
Peromyscus maniculatus	California, New Mexico
Perognathus sp.	California
Perognathus californicus	California
Peromyscus truei	California, Texas
Perognathus formosus	California
Perognathus fallax	California
Dipodomys merriami	California, New Mexico
Peromyscus crinitus	California
Antrozous pallidus	Kansas
Neotoma micropus	Kansas
Peromyscus leucopus	Kansas
Dipodomys spectabilis	New Mexico
Neotoma mexicana	New Mexico
Reithrodontomys megalotis	New Mexico
Sigmodon hispidus	Texas
Perognathus apache	Texas
Onychomys leucogaster	Texas
Ammospermophilus leucurus	Texas
Peromyscus sp.	

Euschoengastoides opimus sp. n.	Loomis, R. B., 1971 a, 689, 698, 700-701, 706, fig. 16
key	
Perognathus formosus	Baja California Norte, Mexico

Euschoengastoides ryckmani Brennan	Loomis, R. B., 1971 a, fig.
key	all from Sonora, Mexico
description	
Perognathus penicillatus	
Perognathus sp.	

Euschoengastoides tanigoshii sp. n.	Loomis, R. B., 1971 a, 689, 696, 700, 701-702, 703, 706, fig. 14
key	
Sylvilagus audubonii	Sonora, Mexico
Perognathus baileyi	" "
Peromyscus eremicus	" "
Perognathus penicillatus	" " ; Hidalgo Co., New Mexico
Peromyscus boylii	Sonora, Mexico
Eptesicus fuscus	" "
Perognathus intermedius	" "
Neotoma albigula	Hidalgo Co., New Mexico
Perognathus sp.	

Euschoengastoides tumidus sp. n.
key
Peromyscus boylii
Neotoma sp.
Peromyscus sp.
Neotoma albigula
Citellus spilosoma
Dipodomys ordii
Peromyscus melanotis
Liomys pictus
Perognathus artus
P. pernix
Peromyscus eremicus
Onychomys torridus
Perognathus goldmani
Mus musculus
Perognathus penicillatus
P. intermedius
Sceloporus jarrovii
Dipodomys merriami
— Loomis, R. B., 1971 a, 689, 698, 702, 703-704, 706, fig. 17
Cochise Co., Arizona; Sonora, Mexico
SE Gallup, New Mexico
"
Mexico
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Euschoengastoides wadei n. sp.
Ototylomys phyllotis phyllotis
— Loomis, R. B., 1969 a, 7, 8, fig. 1A-G
7.5 km. W Escárcega, 65 miles, Campeche, México; 2 km. N Pisté, 12 miles, Yucatan

Euschoengastoides webbi sp. n.
key
Ammospermophilus leucurus
Dipodomys merriami
Perognathus fallax
Peromyscus eremicus
Perognathus spinatus
P. baileyi
Peromyscus crinitus
Perognathus penicillatus
— Loomis, R. B., 1971 a, 689, 698, 701, 702, 706, fig. 18
Baja California Norte
"
"
"; Riverside Co., California
Baja California Norte
Baja California Sur
Mohave Co., Arizona
Riverside Co., California

Eutrichophilus mexicanus (Rudow, 1866)
Coendou mexicanus laenatus
— Emerson, K. C., 1971 b
Nicaragua

Eutrombicula (Eutrombicula) sp.
Capromys pilorides
— Dusbábek, F., 1970 a
El Beral, Cuba

Eutrombicula sp.
Odocoileus virginianus
— Kellogg, F. E.; Kistner, T. P.; Strickland, R. K.; and Gerrish, R. R., 1971 a
Florida

E[utrombicula] alfreddugesi
human molluscoid dermatitis, clinical aspects, epidemiology, diagnosis
— Arellano Ocampo, F.; Moreno Reyes, J.; and Tamayo Pérez, R., 1970 a
Mexico

Eutrombicula alfreddugesi Oudemans
Megaceryle alcyon alcyon (body skin)
— Boyd, E. M.; and Fry, A. E., 1971 a
Massachusetts; Ontario

Eutrombicula alfreddugesi (Oudemans, 1910)
Philander opossum
Marmosa constantiae
Didelphis marsupialis
Holochilus brasiliensis
Echimys sp.
Dactylomys dactylinus
— Brennan, J. M., 1970 e
all from Bolivia

Eutrombicula alfreddugesi (Oudemans, 1910)
Proechimys guyannensis
Didelphis marsupialis
Philander opossum
Rattus rattus frugivorus
Nectomys squamipes melanius
— Brennan, J. M.; and Lukoschus, F. S., 1971 a
all from Surinam

Eutrombicula alfreddugesi (Oudemans)
domestic turkeys
— Crossley, D. A. (jr.); and Proctor, C. W. (jr.), 1971 a
Madison County, Georgia

Eutrombicula alfreddugesi (Oudemans)
Liomys irroratus texensis
— Eads, R. B.; Treviño, H. A.; and Campos, E. G., 1965 a
Cameron County, Texas

Eutrombicula alfreddugesi (Oudemans)
Basiliscus vittatus
Ameiva undulata gaigeae
Ciccaba virgata centralis
Anolis lemurinus bourgeaei
Leptophis mexicanus mexicanus
Oryzomys melanotis megadon
Ototylomys phyllotis phyllotis
Piaya cayana thermophila
Ramphocaenus rufiventris
Sciurus deppei vivax
S. yucatanensis baliolus
Sigmodon hispidus microdon
Dendrocincla homochroa homochroa
Psilorhinus morio
Sceloporus chrysostictus
Anolis limifrons rodriguezi
Cnemidophorus augusticeps augusticeps [sic]
Glaucidium brasilianum ridgwayi
Nasua narica yucatanica
Elaphe flavirufa phaescens
Spilotes pullatus mexicanus
Otonyctomys hatti
Oryzomys melanotis yucatanensis
Cyanocorax yncas maya
Marmosa canescens canescens
Peromyscus yucatanicus
Rattus rattus
— Loomis, R. B., 1969 a
all from Yucatan Peninsula, Mexico

Eutrombicula alfreddugesi
Marmota monax
— Whitaker, J. O. (jr.); and Schmeltz, L. L., 1973 b
Indiana

E[utrombicula] batatas
human molluscoid dermatitis, clinical aspects, epidemiology, diagnosis
— Arellano Ocampo, F.; Moreno Reyes, J.; and Tamayo Pérez, R., 1970 a
Mexico

Eutrombicula batatas (Linnaeus 1758)
Oryzomys capito
O. subflavus
O. nigripes
O. concolor
Holochilus brasiliensis
Zygodontomys sp.
Echimys sp.
— Brennan, J. M., 1970 e
all from Bolivia

Eutrombicula batatas (Linnaeus, 1758)
Rattus norvegicus (ears)
Herpestes auropunctatus (ears)
Tamandua tetradactyla (ears)
Eptesicus melanopterus (scrotum)
— Brennan, J. M.; and Lukoschus, F. S., 1971 a
all from Surinam

Eutrombicula batatas (Linnaeus)
Sigmodon hispidus microdon
— Loomis, R. B., 1969 a
Yucatan Peninsula, Mexico

Eutrombicula belkini — Jameson, E. W. (jr.), 1972 a
rate of development, percent survival, different temperatures, ecological significance

Eutrombicula goeldii (Oudemans, 1910) — Brennan, J. M., 1970 e
Philander opossum — all from Bolivia
Proechimys sp.

Eutrombicula goeldii (Oudemans, 1910) — Brennan, J. M.; and Lukoschus, F. S., 1971 a
Proechimys guyannensis — all from Surinam
Didelphis marsupialis
Epicrates cenchris
Psarocolius decumanus

Eutrombicula jellisoni Brennan and Jones, 1964 — Brennan, J. M., 1970 e
Holochilus brasiliensis — Bolivia

Eutrombicula (Eutrombicula) poppi n. sp. — Vercammen-Grandjean, P. H., 1971 b, 1-3, figs. 1-6
?Laticauda sp. — Malaysian seas, Pacific and Indian Oceans

Eutrombicula (Novotrombicula) rotundiscutata (Fauran, 1959) Vercammen-Grandjean and Audy, 1965 — Brennan, J. M., 1972 a
as syn. of Buclypeus rotundiscutatus (Fauran, 1959) [n. comb.]

Eutrombicula splendens (Ewing) — Crossley, D. A. (jr.); and Proctor, C. W. (jr.), 1971 a
Glynn County, Georgia

Eutrombicula tinami (Oudemans, 1910) — Brennan, J. M.; and Lukoschus, F. S., 1971 a
Didelphis marsupialis — Surinam
Proechimys semispinosus — Panama

Eviphis sp. — Davydov, G.S.; and Morozova, I.V., 1970 a
Mus musculus — Tadzhikistan

Eviphis ostrinus — Edler, A.; and Mehl, R., 1972 a
Clethrionomys glareolus — Norway

Eviphis ostrinus — Mahnert, V., 1971 a
Pitymys subterraneus — the Tirol, Austria

Ewingana inaequalis — Lavoipierre, M.M.J.; and Beck, A. J., 1970 a, figs.
feeding mechanism, skin lesions, Tadarida brasiliensis mexicana

Ewingana lavoipierrei — Lavoipierre, M. M. J.; and Beck, A. J., 1970 a
feeding mechanism, skin lesions, Tadarida plicata

Ewingia Pearse, 1929 — Yunker, C. E., 1970 b
Ewingidae, key
key to species

Ewingia cenobitae Pearse, 1929 — Yunker, C. E., 1970 b, figs.
key
description of male

Ewingidae Pearse, 1929 — Yunker, C. E., 1970 b, 238-239, 253
key to genera
includes: Hoogstraalacarus n. gen., Ewingia Pearse, Askinasia n. gen.

Eyndhovenia — Pan, Z.-W.; and Teng, K.-F., 1973 a
Spinturnicidae, key

Eyndhovenia euryalis (Canestrini, 1884) — Beron, P., 1971 a
Rhinolophus euryale — all from France
R. ferrumequinum

Eyndhovenia euryalis (Canestrini, 1844) — Pan, Z.-W.; and Teng, K.-F., 1973 a
Rhinolophus rouxi sinicus — China

Face fly. See [Musca autumnalis]

Fahrenholzia sp. (prob. pinnata)? — Allred, D. M., 1970 d
Dipodomys ordii
Eutamias minimus
Onychomys leucogaster
Perognathus parvus
Peromyscus maniculatus
all from near Idaho Falls, Idaho

Fahrenholzia ehrlichi Johnson — Eads, R. B.; Treviño, H. A.; and Campos, E. G., 1965 a
Liomys irroratus texensis — Cameron County, Texas

Fahrenholzia ehrlichi Johnson, 1962 — Emerson, K. C., 1971 c
Liomys irroratus alleni — Hidalgo, Mexico
Liomys irroratus jaliscensis — Jalisco, Mexico
Liomys irroratus pretiosus — San Luis Potosí, Mexico

Fahrenholzia fairchildi Johnson, 1962 — Emerson, K. C., 1971 b
Liomys salvini vulcani — Nicaragua

Fahrenholzia fairchildi Johnson — Johnson, P. T., 1972 g
+Liomys adspersus — Panama

Fahrenholzia ferrisi Werneck, 1952 — Emerson, K. C., 1971 b
Heteromys desmarestianus fuscatus — Nicaragua

Fahrenholzia ferrisi Werneck, 1952 — Emerson, K. C., 1971 c
Heteromys gaumeri — Yucatan, Mexico

Fahrenholzia ferrisi Werneck — Johnson, P. T., 1972 g
Heteromys desmarestianus — Panama

Fahrenholzia microcephala Ferris, 1922 — Emerson, K. C., 1971 c
Liomys pictus escuinapae — Sinaloa, Nayarit, Mexico

Fahrenholzia pinnata — Allred, D. M., 1970 d
Sceloporus graciosus
Dipodomys ordii
Eutamias minimus
Perognathus parvus
Peromyscus maniculatus
Sylvilagus idahoensis
all from near Idaho Falls, Idaho

Fahrenholzia pinnata Kellogg and Ferris, 1915 — Emerson, K. C., 1971 c
Dipodomys deserti sonoriensis — Sonora, Mexico
Dipodomys merriami merriami — Sonora, Mexico
Dipodomys sp. — Coahuila, Mexico

Fahrenholzia pinnata Kellogg & Ferris — Spencer, G. J., 1966 a
Perognathus parvus lordi — British Columbia

Fahrenholzia reducta Ferris, 1922 — Emerson, K. C., 1971 c
Perognathus baileyi extimus — Baja California Del Sur, Mexico

Fahrenholzia texana Stojanovich & Pratt — Eads, R. B.; Treviño, H. A.; and Campos, E. G., 1965 a
Liomys irroratus texensis — Cameron County, Texas

Falcolipeurus secretarius (Giebel) — Tendeiro, J., 1958 f, 238, pl.
Syn.: Lipeurus secretarius Giebel
Sagittarius serpentarius — Mozambique

Falculifer rostratus (Buchh., 1869) — Černý, V., 1970 a
Columba livia domestica (Flügelfedern) — Olomouc, ČSSR

Fauranius new genus — Brennan, J. M.; and Lukoschus, F. S., 1971 a, 42-43
Trombiculidae; Trombiculinae — tod: F. atecmartus n. sp.

Fauranius atecmartus new species (tod) — Brennan, J. M.; and Lukoschus, F. S., 1971 a, 42, 43, fig. 1
Philander opossum (ears) — Coronie, Surinam

Fauranius myoproctae (Fauran, 1960) new combination — Brennan, J. M.; and Lukoschus, F. S., 1971 a
Syn.: Pseudoschoengastia myoproctae Fauran, 1960

Felicola liberiae n. sp. — Emerson, K. C.; and Price, R. D., 1972 a, 399-403, figs. 1-3
Liberiictis kuhni — Tar's Town, Grand Gedeh County, Liberia

Felicola rohani Werneck, 1956 — Emerson, K. C., 1971 a
Herpestes edwardsi
H. auropunctatus
all from Nepal

Felicola subrostratus — Mustaffa-Babjee, A., 1969 a
cat — Malaysia

Felicola subrostratus — Persson, L., 1973 a
cats — Sweden

Felicola vulpis (Denny, 1842) — Hinaidy, H. K., 1971 a
Vulpes vulpes — Austria

Fleas. [See also Aphaniptera; Siphonaptera]

Fleas — Askew, R. R., 1971 a
handbook on parasitic insects

Fleas — Baker, K. P., 1971 a
diagnosis, intradermal tests, dogs

Fleas — Detinova, T. S., 1968 a
age structure, review

Fleas — Doherty, R.L.; et al., 1971 a
Rattus sordidus conatus — Mitchell River, Queensland

Fleas — Farber, G. A.; and Burks, J. W. (jr.), 1972 a
man, allergic reaction from pet's insecticide-treated flea collar

Fleas — Frazier, C. A., 1968 a
man, bites, stings, dermatitis, clinical review, differential diagnosis

Fleas — Goncharov, A. I., 1970 a, figs.
various group studies, male genitalia, structure

Fleas — Hamilton, J[illegible]., 1965 a
England. specimens borrowed from Australian National Insect Collection

Fleas — Hilton, D. F. J., 1972 a
development sites, Trypanosoma (Herpetosoma) spp., review

Fleas — Hilton, D.F.J., 1972 c
rearing technique, nest boxes, ground squirrels

Fleas
man, papular urticaria, clinical aspects — Johnson, R. B.; and Halpern, S. R., 1966 a

Fleas
gammaxane applied to rodent runways and burrow entrances, flea and rodent control — Mahdi, A. H.; Arafa, M. S.; and Gad, A. M., 1972 a
Suez area, Egypt

Fleas
dogs, cats, hyposensitization, flea bites — Michaeli, D.; and Goldfarb, S., 1968 a

Fleas
insecticides, wild mammals — Miller, B. E.; et al., 1970 a

Fleas
Vapona, dogs, cats — Niemand, H. G., 1973 a

Fleas
allergic dermatitis, dogs, review, case history — Quick, C. B., 1972 a

Fleas
dichlorvos, dogs, clinical evaluation — Quick, H. L., 1971 a

Fleas
diagnosis, review, dogs and cats — Sloss, M. W., 1971 a

Fleas
wild mammals, review — Turner, E. C. (jr.), 1971 b, figs.

Fleas
insecticides, dogs, cats — United States Department of Agriculture. Agricultural Research Service. Entomology Research Division, 1971 a

Fleas
pictorial keys — United States Department of Health, Education, and Welfare. Public Health Service, 1964 a

Fleas
intermediate host, Dipylidium caninum — Yasuda, F.; Hashiguchi, J.; Nishikawa, H.; and Watanabe, S., 1968 a

Flies
laboratory rearing and management — Ashby, G. J., 1966 a

Flies
handbook on parasitic insects — Askew, R. R., 1971 a

Flies
ecology, classification, biotic associations — Greenberg, B., 1971 a, 856 pp.

Flies
pictorial keys — United States Department of Health, Education, and Welfare. Public Health Service, 1964 a

Fly-strike. See Myiasis.

Fonsecia (Parasecia)
key to species — Brennan, J. M., 1969 c

Fonsecia (Parasecia) aitkeni — Brennan, J. M., 1969 c
key
Syn.: Trombicula aitkeni Brennan and Jones, 1960

Fonsecia (Parasecia) chara — Brennan, J. M., 1969 c
key
Syn.: Trombicula chara Wharton, 1948

Fonsecia (Parasecia) fundata sp. n. — Brennan, J. M., 1969 c, 662, 664, fig. 3
key
Calurомys philander — Utinga Forest, Belém, Pará, Brazil
Didelphis marsupialis — Utinga Forest, Belém, Pará, Brazil
Proechimys guyannensis — Serra do Navio, Amapá
Glyphorhynchus spirurus — "APEG" Forest, Belém, Pará, Brazil

Fonsecia (Parasecia) gurneyi — Brennan, J. M., 1969 c
key
Syn.: Trombicula gurneyi Ewing, 1937

Fonsecia gurneyi (Ewing)
Blarina brevicauda
Toxostoma rufum — Crossley, D. A. (jr.); and Proctor, C. W. (jr.), 1971 a
all from Clarke County, Georgia

Fonsecia (Parasecia) gurneyi (Ewing)
Ototylomys p. phyllotis
Heteromys gaumeri
Ortalis vetula intermedia
Peromyscus leucopus castanius
Peromyscus yucatanicus — Loomis, R. B., 1969 a
Yucatan Peninsula, Mexico, all from

Fonsecia (Parasecia) kansasensis — Brennan, J. M., 1969 c
key
Syn.: Trombicula kansasensis Loomis, 1955

Fonsecia lachesis sp. n. — Brennan, J. M., 1970 e, 807, 808-810, fig. 2
Lachesis muta — Guayaramerin, Mamore River, Beni, Bolivia
Oryzomys capito — Pampa de Meio, Itenez River, Beni, Bolivia

Fonsecia (Parasecia) longicalcar — Brennan, J. M., 1969 c
key
Syn.: Trombicula longicalcar Brennan and Jones, 1960

Fonsecia (Parasecia) manueli — Brennan, J. M., 1969 c
key
Syn.: Trombicula manueli Brennan and Jones, 1960

Fonsecia (Parasecia) psittaci — Brennan, J. M., 1969 c
key
Syn.: Trombicula psittaci Floch and Abonnenc, 1949

Fonsecia (Parasecia) soucouyanti — Brennan, J. M., 1969 c
key
Syn.: Trombicula soucouyanti Brennan and Yunker, 1966

Fonsecia (Parasecia) thalurania sp. n. — Brennan, J. M., 1969 c, 662, 663, fig. 1
key
Thalurania furcata — Mocambo Forest, Belém, Pará, Brazil

Fonsecia (Parasecia) universitatis — Brennan, J. M., 1969 c
key
Syn.: Trombicula (Trombicula) universitatis Hoffmann, 1963

Fonsecia (Parasecia) valida sp. n. — Brennan, J. M., 1969 c, 662, 663-664, fig. 2
key
Oryzomys capito — Jandiai, Caratateua, Bragança, Pará, Brazil
Zygodontomys lasiurus fuscinus — Jandiai, Caratateua, Bragança, Pará, Brazil
Monodelphis brevicaudata — Serro do Navio, Amapá

Foxella sp.
Onychomys leucogaster
Allred, D. M., 1968 a
National Reactor Testing Station, Idaho

Foxella ignota
Spilogale putorius
Mead, R. A., 1963 a
Sacramento Valley, California

Foxella ignota
Geomys bursarius
(hair and epidermis)
Rissky, R. W., 1962 a
Clay County, South Dakota

Foxella ignota
Dipodomys ordii
Mustela frenata
Peromyscus maniculatus
Thomomys talpoides
Onychomys leucogaster
Allred, D. M., 1968 a
all from National Reactor Testing Station, Idaho

Foxella ignota albertensis (Jordan & Rothschild)
Microtus pennsylvanicus
drummondii
Peromyscus maniculatus bairdii
Buckner, C. H.; and Blasko, G. G., 1969 a
all from Manitoba

Fregatiella n. g.
Menoponidae
Ryan, S.O.; and Price, R. D., 1969 b, 823, 825
tod: F. aurifasciata (Kellogg) [n. comb.]

Fregatiella aurifasciata (Kellogg) [n. comb.] (tod)
Syn.: Menopon intermissum Harrison, 1916
Fregata magnificens rothschildi
F. minor
F. andrewsi
F. aquila
F. ariel
Ryan, S.O.; and Price, R. D., 1969 b, 823-825, figs. 1-9
Colombia, Inner Hebrides, Canal Zone, Puerto Rico, USA
Sarawak, Christmas Is.
Colombia, USA
Maldive Is., Colombia

Frontopsylla (Profrontia) ambigua Fedina
function, modified segments, genital apparatus
Goncharov, A. I., 1969 a

Frontopsylla (Profrontia) ambigua Fedina
key, description
Ioff, I.G., 1949 a, fig.

Frontopsylla (Orfrontia) cornuta sp. n.
key
+Delichon urbica (nest)
Ioff, I.G., 1949 a, 51, 54-55, 66, figs. 33-34
Kirgiz

Frontopsylla (Orfrontia) cornuta I.
function, modified segments, genital apparatus
Goncharov, A.I., 1969 a

Frontopsylla elata (J. et R.)
function, modified segments, genital apparatus
Goncharov, A. I., 1969 a, fig. 2

Frontopsylla (F.) elata glabra ssp. n.
key
[inadvertently given species rank on pp. 175-179 (host list)]
Cricetulus migratorius
Silvimus silvaticus
Clethrionomys frater
Stenocranius gregalis
Alticola argentata
Phaiomys
Mus musculus
Ioff, I. G., 1949 a, 56-58, 67, 175, 176, 177, 178, 179, figs. 35-36
all from Kirgiz

Frontopsylla (F.) elata koksu ssp. n.
[inadvertently given species rank on pp. 60, 61]
key
Mus musculus
Microtus arvalis
Arvicola
Ioff, I.G., 1949 a, 59, 60-61, 68, fig. 38
all from Kazakh SSR

Frontopsylla (F.) elata pilosa ssp. n.
[inadvertently given species rank on pp. 60, 177-178 (host list)]
key
Silvimus silvaticus
Clethrionomys frater
Stenocranius gregalis
Citellus relictus
Ioff, I.G., 1949 a, 58-60, 68, 176, 177, 178, fig. 37
all from Kirgiz

Frontopsylla elatoides W.
function, modified segments, genital apparatus
Goncharov, A. I., 1969 a

Frontopsylla (Orfrontia) frontalis (R.)
function, modified segments, genital apparatus
Goncharov, A. I., 1969 a

Frontopsylla (Orfrontia) frontalis R. 1909
key
Ioff, I. G., 1949 a

Frontopsylla (Orfrontia) frontalis alatau Fed.
Ioff, I. G., 1949 a

Frontopsylla (Orfrontia) frontalis baikal ssp. n.
Allactaga
Marmota
[vole]
[Citellus dauricus]
Oenanthe
Ioff, I. G., 1949 a, 51-53, figs. 27-28
Transbaikalia
Kirgiz
Mongolia
Eastern Transbaikalia
Kirgiz; Eastern Transbaikalia (found in nest)

Frontopsylla (Orfrontia) frontalis dubiosa ssp. n.
+Oenanthe (nest)
+Montifringilla (nest)
Ioff, I. G., 1949 a, 52, 53, figs. 31-32
all from Kirgiz

Frontopsylla (Orfrontia) frontalis gud Arg. 1938
Ioff, I. G., 1949 a

Frontopsylla hetera W.
function, modified segments, genital apparatus
Goncharov, A. I., 1969 a

Frontopsylla (Orfrontia) laeta (Jordan et N.C.Rothschild, 1920)
Delichon urbica
Beaucournu, J.-C.; and Gilot, B., 1971 a, 47
France

Frontopsylla (Orfrontia) laeta (Jordan and Rothschild)
+Delichon urbica urbica (nests)
Claassens, A. J. M., 1965 b
Ireland

Frontopsylla (Orfrontia) laeta (J. et R.)
function, modified segments, genital apparatus
Goncharov, A. I., 1969 a

Frontopsylla (Orfrontia) laeta J. et R. 1920
Ioff, I.G., 1949 a

Frontopsylla (Ofrontia) laponica (Nordberg)
function, modified segments, genital apparatus
Goncharov, A. I., 1969 a

Frontopsylla luculenta (J. et R.)
function, modified segments, genital apparatus
Goncharov, A. I., 1969 a, fig. 1

Frontopsylla (Mafrontia) macrophthalma (J. et R.)
function, modified segments, genital apparatus — Goncharov, A. I., 1969 a

Frontopsylla (Mafrontia) macrophthalma J. et R. 1915
key — Ioff, I. G., 1949 a

Frontopsylla (Profrontia) ornata Tiflov
function, modified segments, genital apparatus — Goncharov, A. I., 1969 a

Frontopsylla (Profrontia) ornata Tifl. 1937
key, description — Ioff, I.G., 1949 a, fig.

Frontopsylla (Profrontia) protera W.
function, modified segments, genital apparatus — Goncharov, A. I., 1969 a

Frontopsylla (Profrontia) protera Wagn. 1932 (tod of subgen.)
key, description — Ioff, I.G., 1949 a, fig.

Frontopsylla semura W. et I.
function, modified segments, genital apparatus — Goncharov, A.I., 1969 a

Frontopsylla semura
Citellus pygmaeus burrows, host aestivation — Mialkovskaia, S. A.; and Briukhanova, L. V., 1972 a
Dagestan

Frontopsylla (Orfrontia) setigera Smit
function, modified segments, genital apparatus — Goncharov, A. I., 1969 a

Frontopsylla setigera — Uchikawa, K., 1970 a
Nagano Prefecture

Frontopsylla spadix cansa J.
function, modified segments, genital apparatus — Goncharov, A. I., 1969 a

Frontopsylla (F.) tjanshanica Schwarz
function, modified segments, genital apparatus — Goncharov, A. I., 1969 a

Frontopsylla wagneri I.
function, modified segments, genital apparatus — Goncharov, A. I., 1969 a

Fulicoffula lurida (N.)
Botaurus stellaris
Phalacrocorax pygmaeus
Colymbus ruficollis capensis — Shcherbinina, O. Kh., 1969 a
all from Turkmenia

Gabucinia alcyon Boyd
Megaceryle alcyon alcyon (eyelids)
Boyd, E. M.; and Fry, A. E., 1971 a
Massachusetts

Gahrliepia (Schongastiella) bengalensis
Varma, R. N.; and Mahadevan, B., 1971 a
Eastern Himalayas, India

Gahrliepia (Schongastiella) ceylonica (Womersley, 1952)
Varma, R. N.; and Mahadevan, B., 1971 a
Eastern Himalayas, India

Gahrliepia (Walchia) disparunguis, Womersley, 1952
as syn. of Walchia (Walchia) fulleri n. sp.
Vercammen-Grandjean, P. H., 1971 c, 7

Gahrliepia (Walchia) ewingi, Womersley, 1952
as syn. of Walchia (Walchia) ewingi Fuller, 1949
Vercammen-Grandjean, P. H., 1971 c, 6

Gahrliepia (Walchia) ewingi lupella Traub & Evans, 1957
as syn. of Walchia (Walchia) lupella (Traub & Evans, 1957) [n. comb.]
Vercammen-Grandjean, P. H., 1971 c, 8

Gahrliepia (Walchia) glabrum, Womersley, 1952
as syn. of Walchia (Walchia) ewingi Fuller, 1949
Vercammen-Grandjean, P. H., 1971 c, 6

Gahrliepia (Schongastiella) ligula
Bandicota indica
Varma, R. N.; and Mahadevan, B., 1971 a, pl. 78, fig. 11
Binaguri, Jalpaiguri district, West Bengal, India

Gahrliepia (Walchia) pingue, Womersley, 1952
as syn. of Walchia (Walchia) ewingi Fuller, 1949
Vercammen-Grandjean, P. H., 1971 c, 6

Gahrliepia (Walchia) sasai n. sp.
Talpa micrura imaizumii
Suzuki, H., 1972 a, 30-31, fig. 1A-G
base of Mt. Fuji, Shizuoka Pref., Japan

Gahrliepia (Gahrliepia) starki n. sp.
Rattus surifer
R. tiomanicus jalorensis
Lakshana, P.; and Dohany, A. L., 1972 a, 13-15, figs. 2-10
Khao Chong, Trang Prov., Thailand
Takua Pa Dist., Ban Sam Poeng, Phangnga Prov., Thailand

Gallacanthus nov. gen.
Menacanthinae
Eichler, W., 1971 b, 166, 167
tod: G. cornutus (Schömmer, 1913) [n. comb.]

Gallacanthus cornutus (Schömmer, 1913) [n. comb.] (tod)
Syn.: Eomenacanthus cornutus (Schömer, 1913)
Eichler, W., 1971 b, 166-167

Gallopontius gen. nov.
Ascomyzontidae; Dysponti-inae n. subfam.
Giesbrecht, W., 1895 b, 184
mt: G. fringilla, n. sp.

Gallopontius fringilla gen. n., sp. n. (mt)
Giesbrecht, W., 1895 b, 184
Naples

Gamasides gen. sp.
Mus musculus
Apodemus sylvaticus
Cricetulus migratorius
Microtus carruthersi
Meriones erythrourus
Allactaga elater
Davydov, G.S.; and Morozova, I.V., 1970 a
all from Tadzhikistan

Gamasides gen. sp.
[Allactaga elater]
[Mus musculus]
[M. erythrourus]
[Apodemus sylvaticus]
[Cricetulus migratorius]
[Microtus carruthersi]
Davydov, G.S.; and Morozova, I.V., [1971 a]
all from western Tadzhikistan

Gamasids
infestation rate, seasonal distribution, small mammals
Edler, A., 1972 a
northern Sweden

Gamasids
rodents, infestation and Sr^{90} accumulation
Il'enko, A. I., 1971 a

Gamasoidea
distribution, review
Popov, V. M.; and Igolkin, N. I., 1960 a
eastern part, West Siberia

Gangliopus Gerstaecker, 1854
Pandaridae, key
Cressey, R. F., 1967 a, 4, 27

Gangliopus japonicum Shiino, 1960
as syn.of Pannosus japonicum (Shiino, 1960) [n. comb.]
Cressey, R. F., 1965 a, 2928

Gangliopus japonicus (Shiino, 1960)
type species of Pannosus n. g.
Cressey, R. F., 1967 a, 32

Gangliopus pyriformis Gerstaecker, 1854
Syns.: Nogagus angustulus Gerstaecker, 1854; Gangliopus tetrapturi Yamaguti and Yamasu, 1960
Prionace glauca
Cressey, R. F., 1967 a, 28-29, figs. 139-146
Indian Ocean; North Atlantic

Gangliopus tetrapturi Yamaguti and Yamasu, 1960
as syn. of G. pyriformis Gerstaecker, 1854
Cressey, R. F., 1967 a, 28

Garmania pygmaeus (Müll.)
Neomys anomalus
Pinchuk, L. M., 1968 a
Moldavia

Garmania pygmaeus
Lagurus luteus
Senotrusova, V. N.; and Shubin, I. G., 1969 a
Zaisansky Hollow

Gasterophilidae
description
Herms, W. B., 1944 a

Gasterophilus
larvae, horses, levamisole, thiabendazole, poor results
Clarkson, M.J.; and Beg, M.K., 1971 a

Gasterophilus
trichlorphon, ponies
Cornwell, R. L.; Jones, R. M.; and Potts, J. M., 1973 a

Gasterophilus Leach, 1817
annotated key to species
Draber-Monko, A., 1969 a

Gastrophilus spp.
powder formulation, thiabendazole, trichlorfon, grain mix, horses
Andersen, F. L.; Wright, P. D.; and Walters, G. T., 1973 a

Gasterophilus spp.
butonate, horses
Voss, J. L.; and Hibler, C.P., 1971 a

Gastrophilus elephantis Cobbold, 1882
as syn. of Cobboldia elephantis (Steel)
Zumpt, F.K.E.; and Wetzel,H., 1970 a

Gastrophilus equi horses, Dichlorvos, 96-100% effective — Graber, M.; Pitois, M.; Dancer, M.; and Euzéby, J. A., [1972 a]

Gastrophilus haemorrhoidalis L. [Equus caballus] [Equus asinus] — Baratov, Sh., 1972 a all from Tadzhikistan

Gasterophilus haemorrhoidalis myiasis, domestic animals, review — Chirinos Rodríguez, A. R., 1972 a, fig.

Gasterophilus haemorrhoidalis (Linnaeus, 1758) key, annotated — Draber-Mońko, A., 1969 a, figs.

Gasterophilus haemorrhoidalis equine, larval stages, seasonal distribution — Draber-Mońko, A., 1970 a Warszawa, Poland, slaughterhouse

Gasterophilus haemorrhoidalis control — Ferguson, D. L., 1971 b

Gasterophilus haemorrhoidalis — da Silva, O. (jr.); and Cavalcanti Proença, M., 1938 a, pls., figs.

Gastrophilus haemorrhoidalis var. flavipes — Baratov, Sh., 1972 a Tadzhikistan

Gasterophilus inermis Brauer, 1858 key, annotated — Draber-Mońko, A., 1969 a, figs.

Gastrophilus inermis horses, Dichlorvos, 60% effective — Graber, M.; Pitois, M.; Dancer, M.; and Euzéby, J. A., [1972 a]

Gasterophilus intestinalis horses (stomach) — Ashizawa, H.; Nosaka, D.; Tateyama, S.; and Murakami, T., 1971 a abattoirs in Kyushu

Gasterophilus intestinalis pathology, horses, stomach and duodenum — Ashizawa, H.; Nosaka, D.; Tateyama, S.; and Murakami, T., 1972 b

Gastrophilus intestinalis — Baratov, Sh., 1972 a Tadzhikistan

Casterophilus intestinalis anticholinesterase activity of dichlorvos (paste formulation) in horses — Bello, T.R.; Amborski, G.F.; and Torbert, B. J., 1974 a

Gasterophilus intestinalis equine tongue, dichlorvos — Bello, T. R.; and Seger, C.L., 1972 a

Gastrophilus intestinalis mebendazole + carbon disulfide, horses — Bennett, D. G. (jr.), 1973 a

Gasterophilus intestinalis mebendazole, piperazine + thiabendazole, horses and ponies — Bradley, R. E.; and Radhakrishnan, C. V., 1973 a

Gastrophilus intestinalis key — Čepelák, J., 1971 a, fig.

Gasterophilus intestinalis myiasis, domestic animals, review — Chirinos Rodríguez, A. R., 1972 a, fig.

Gasterophilus intestinalis haloxon + trichlorfon, horses — Cook, T. F., 1973 a

Gasterophilus intestinalis (De Geer, 1776) key, annotated — Draber-Mońko, A., 1969 a, figs.

Gasterophilus intestinalis equine, larval stages, seasonal distribution — Draber-Mońko, A., 1970 a Warszawa, Poland, slaughterhouse

Gastrophilus intestinalis dichlorvos, horse — Drudge, J. H.; and Lyons, E. T., 1970 c

Gasterophilus intestinalis dichlorvos, ponies — Drudge, J. H.; Lyons, E. T.; and Swerczek, T. W., 1972 a

Gasterophilus intestinalis horses, carbon disulfide + levamisole hydrochloride + piperazine — Drudge, J.H.; Lyons, E.T.; and Swerczek, T. W., 1974 a

Gasterophilus intestinalis control — Ferguson, D. L., 1971 b, fig.

Gastrophilus intestinalis hemoglobin cells, light and electronmicroscopic cytochemical studies — Goldfischer, S.; and Schiller, B., 1971 a, fig. 1, pls. 1-4

Gasterophilus intestinalis dichlorvos, gel formulation, dose-response curve, horses — Hass, D.K.; Albert, J.R.; Pillow, B.G.; and Brown, L.J., 1973 a

Gasterophilus intestinalis human (axilla, upper forearm) — Heath, A. C. G.; Elliott, D. C.; and Dreadon, R. G., 1968 a, fig. New Zealand

Gasterophilus intestinalis Equigard, horses, field trials — Jonas, D.; and Hasslinger, M.-A., 1973 a

Gastrophilus intestinalis Neguvon, Equigard, Dichlorphos, horses — Jonas, D.; Hasslinger, M. A.; and Wolpert, E., 1972 a

Gasterophilus intestinalis (de Geer, 1776) comparison of latter stage larvae antigens with Hypoderma bovis and Przhevalskiana aegagri — Rault, B.; Hadani, A.; and Rosin, G., 1971 a

Gasterophilus intestinalis — da Silva, O. (jr.); and Cavalcanti Proença, M., 1938 a, pls., figs.

Gastrophilus intestinalis Dichlorvos, horses — Violette, C.; and Duret, F., 1972 a

Gasterophilus intestinalis pathogenicity, larvae, stomach, horse — Waddell, A. H., 1972 a, figs.

Gasterophilus lativentris Brauer, 1858 key, annotated — Draber-Monko, A., 1969 a, figs.

Gasterophilus nasalis horses (stomach) — Ashizawa, H.; Nosaka, D.; Tateyama, S.; and Murakami, T., 1971 a abattoirs in Kyushu

Gastrophilus nasalis mebendazole + carbon disulfide, horses — Bennett, D. G. (jr.), 1973 a

Gasterophilus nasalis myiasis, domestic animals, review — Chirinos Rodríguez, A. R., 1972 a, fig.

Gasterophilus nasalis haloxon + trichlorfon, horses — Cook, T. F., 1973 a

Gasterophilus nasalis (Linnaeus, 1758) key, annotated Syn.: Oestrus veterinus Clark, 1797 — Draber-Mońko, A., 1969 a, 17, figs.

Gasterophilus nasalis equine, larval stages, seasonal distribution — Draber-Mońko, A., 1970 a Warszawa, Poland, slaughterhouse

Gastrophilus nasalis dichlorvos, horse — Drudge, J. H.; and Lyons, E. T., 1970 c

Gasterophilus nasalis dichlorvos, ponies — Drudge, J. H.; Lyons, E. T.; and Swerczek, T. W., 1972 a

Gasterophilus nasalis horses, carbon disulfide + levamisole hydrochloride + piperazine — Drudge, J.H.; Lyons, E.T.; and Swerczek, T. W., 1974 a

Gasterophilus nasalis control — Ferguson, D. L., 1971 b

Gasterophilus nasalis dichlorvos, gel formulation, dose-response curve, horses — Hass, D.K.; Albert, J.R.; Pillow, B.G.; and Brown, L.J., 1973 a

Gasterophilus nasalis donkey (fresh faeces) — Minář, J.; and Povolný, D., 1971 a Jalalabad

Gasterophilus nasalis (L 1758) 2nd phase larvae, adult — da Silva, O. (jr.); and Cavalcanti Proença, M., 1938 a, pls., figs. Brasil

Gasterophilus nigricornis Loew, 1863 key, annotated — Draber-Monko, A., 1969 a, figs.

Gastrophilus pecorum [Equus caballus] — Baratov, Sh., 1972 a Tadzhikistan

Gastrophilus pecorum key — Čepelák, J., 1971 a, fig.

Gasterophilus pecorum Gyps africanus (crop wall, stomach) G. ruppellii Torgos tracheliotus — Cooper, J.E.; and Houston, D.C., 1972 a all from Serengeti National Park, Tanzania

Gasterophilus pecorum (Fabricius, 1794) key, annotated Syn.: Gasterophilus salutaris Meigen, 1844 — Draber-Monko, A., 1969 a, 17, figs.

Gasterophilus pecorum equine, larval stage — Draber-Mońko, A., 1970 a Warszawa, Poland, slaughterhouse

Gasterophilus pecorum control and treatment horses — Kazachinskiĭ, V. I., 1962 a Tatta district, Iakutia

Gasterophilus pecorum horse (stomach) — Minář, J.; and Povolný, D., 1971 a Herat

Gasterophilus salutaris Meigen, 1844 as syn. of Gasterophilus pecorum (Fabricius, 1794) — Draber-Monko, A., 1969 a, 17

Gastrophilus veterinus Cl. [Equus caballus] — Baratov, Sh., 1972 a Tadzhikistan

Gastrophilus. See Gasterophilus.

Geohollandia gen. n. Pygiopsyllidae — Mardon, D. K.; and Dunnet, G. M., 1972 b, 69, 72 tod: G. solida (Rothschild 1916) comb. n.

Geohollandia solida (Rothschild, 1916) n. comb. (tod) redescription Epimy (=Rattus) sp. — Mardon, D. K.; and Dunnet, G. M., 1972 b, 72, figs. Queensland, Australia

Geomydoecus Ewing, 1929 revision, key to species, subspecies — Price, R. D.; and Emerson, K. C., 1971 b, 228, 230-236

Geomydoecus sp. Thomomys talpoides — Allred, D. M., 1970 d near Idaho Falls, Idaho

Geomydoecus alcorni n. sp. key Pappogeomys alcorni — Price, R. D.; and Emerson, K. C., 1971 b, 230,232,233, 254, figs. 88, 111 Mazamitla, Jalisco, Mexico

Geomydoecus alleni n. sp. key Orthogeomys grandis alleni — Price, R. D.; and Emerson, K. C., 1971 b, 230,232,234, 249, 251, fig. 102 Soledad, Oaxaca, Mexico

Geomydoecus bulleri n. sp. key Pappogeomys b. bulleri P. b. melanurus P. bulleri burti — Price, R. D.; and Emerson, K. C., 1971 b, 230,233,253, figs. 98, 123 Jalisco, Mexico, all from

Geomydoecus californicus (Chapman) key

Thomomys bottae analogus	Mexico
T. b. anitae	Mexico; Baja California
T. b. aureus	Utah
+T. b. bottae	California
T. b. chrysonotus	Arizona
T. b. pervagus	New Mexico
T. b. robustus	Utah
T. b. simulus	Sinaloa, Mexico
T. bottae	Utah; California; New Mexico; Mexico; Arizona
T. umbrinus	Utah; California
T. umbrinus n. subsp.	Sinaloa, Chihuahua, Mexico
T. baileyi tularosae	New Mexico
T. victor	Arizona
Thomomys sp.	Arizona; California; Mexico
T. bottae sinaloae	Sinaloa, Mexico

Price, R. D.; and Emerson, K. C., 1971 b, 238, 240, fig.

Geomydoecus chapini Werneck key +Geomys personatus tropicalis Orthogeomys hispidus chiapensis — Price, R. D.; and Emerson, K. C., 1971 b, 230,232,234, 249, figs. Tabasco, Mexico; Chiapas, Mexico

Geomydoecus chiapensis n. sp. key Orthogeomys hispidus chiapensis — Price, R. D.; and Emerson, K. C., 1971 b, 230,232,233, 251, fig. 107 Escuintla, Dept. Escuintla, Guatemala

Geomydoecus copei Werneck	Price, R. D.; and Emerson, K. C., 1971 b, 230, 232, 245, 248, figs.
key	
Orthogeomys hispidus torridus= Geomys mexicanus	Misantla, Mexico
Geomydoecus coronadoi Barrera	Price, R. D.; and Emerson, K. C., 1971 b, 233, 234, 254-255, fig.
key	
Syn.: Geomydoecus geomydis +Pappogeomys merriami estor	coronadoi Barrera, 1961 Veracruz, Mexico
P. m. perotensis	" "
P. m. saccharalis	Puebla, Mexico
P. merriami	" "
P. m. merriami	Rio Frio, Mexico
Geomydoecus costaricensis n. sp.	Price, R. D.; and Emerson, K. C., 1971 b, 230,232,234, 251-253, figs. 26,27,34,45, 55,92,134
key	
Macrogeomys heterodus cartagoensis	San Jose, Costa Rica
Geomydoecus dakotensis n. sp.	Price, R. D.; and Emerson, K. C., 1971 b, 230,232,233, 243, figs. 74, 117, 118
key	
Thomomys talpoides rufescens	Botineau Co., North Dakota
T. t. confinis	Montana
Geomydoecus dariensis n. sp.	Price, R. D.; and Emerson, K. C., 1971 b, 230,232, 234, 251, figs. 31, 47
key	
Macrogeomys dariensis	Jaqué and Darien, Panama
Geomydoecus (Thomomydoecus) dickermani n. sp.	Price, R. D.; and Emerson, K. C., 1972 a, 463, 466, 467, figs. 9-11
key	
Thomomys umbrinus tolucae	Nevada de Toluca, Mexico
T. u. peregrinus	Valle de Bravo, Mexico
Geomydoecus duchesnensis n. sp.	Price, R. D.; and Emerson, K. C., 1971 b, 230,232,233, 243, figs. 112,113
key	
Thomomys talpoides	Duchesne Co., Utah
Geomydoecus ewingi n. sp.	Price, R. D.; and Emerson, K. C., 1971 b, 230,233,234, 236,238
key	
Geomys bursarius major	Stillwater, Oklahoma
G. bursarius breviceps	Arkansas
G. b. dutcheri	Oklahoma
G. b. pratincola	Texas
Geomydoecus expansus (Duges)	Price, R. D.; and Emerson, K. C., 1971 b, 230,233,234, 254, figs.
key	
Pappogeomys c. castanops	Kansas
P. c. lacrimalis	Texas; New Mexico
P. c. rubellus	Zacatecas, Mexico
P. zinseri	Jalisco, Mexico
Geomydoecus fulvescens n. sp.	Price, R. D.; and Emerson, K. C., 1971 b, 230, 232, 233, 256, fig. 139
key	
Pappogeomys merriami fulvescens	Limon, Veracruz, Mexico
Geomydoecus (Thomomydoecus) genowaysi n. sp.	Price, R. D.; and Emerson, K. C., 1972 a, 463, 464, 465, 467, figs. 7-8
key	
Thomomys umbrinus madrensis T. u. nelsoni	Chihuahua, Mexico, all from
Geomydoecus geomydis	Rissky, R. W., 1962 a
Geomys bursarius (hair and epidermis)	Clay County, South Dakota
Geomydoecus geomydis (Osborne, 1891)	Tuszynski, R. C.; and Whitaker, J. O. (jr.), 1972 a
Geomys bursarius illinoensis	Indiana
Geomydoecus geomydis coronadoi Barrera, 1961	Price, R. D.; and Emerson, K. C., 1971 b, 254
as syn. of Geomydoecus coronadoi Barrera	
Geomydoecus geomydis geomydis (Osborn)	Price, R. D.; and Emerson, K. C., 1971 b, 233, 236, figs.
key	
Geomys bursarius bursarius	Minnesota, North Dakota, South Dakota
G. bursarius	Nebraska, Kansas, Iowa
G. b. lutescens	Nebraska
G. b. majusculus	Nebraska, Kansas
G. b. major	Texas
Geomydoecus geomydis subgeomydis n. subsp.	Price, R. D.; and Emerson, K. C., 1971 b, 230, 233, 234, 236, 238
key	
Geomys bursarius brazensis	Huntsville, Walker Co., Texas
Geomydoecus illinoensis n. sp.	Price, R. D.; and Emerson, K. C., 1971 b, 230,233,234, 238, fig. 82
key	
Geomys bursarius illinoensis	Tippecanoe Co., Indiana; Pembroke Township, Custer Park, Benfield, Hopkins and Momence, Illinois
Geomydoecus (Thomomydoecus) jamesbeeri n. sp. (tod of subg.)	Price, R.D.; and Emerson, K. C., 1972 a, 463, 464, 465, 467, figs. 1-6
Thomomys umbrinus supernus	Santa Rosa, Guanajuato, Mexico
key	
Geomydoecus jonesi n. sp.	Price, R. D.; and Emerson, K. C., 1971 b, 230,232,234, 249, figs. 13,20,29,49,66,90, 100
key	
Orthogeomys grandis felipensis	Tilapa, Puebla, Mexico
Geomydoecus mcgregori n. sp.	Price, R. D.; and Emerson, K. C., 1971 b, 230,233,253, figs. 18,19,33,65,89,110
key	
Pappogeomys fumosus	Colima, Mexico
P. bulleri nelsoni	Jalisco, Mexico
P. g. gymnurus	" "
P. g. russeli	" "
Pappogeomys sp.	Michoacan, Mexico
Pappogeomys tylorhinus atratus	Jalisco, Mexico
Geomydoecus merriami n. sp.	Price, R. D.; and Emerson, K. C., 1971 b, 230,233,234, 255, fig. 136
key	
Pappogeomys merriami merriami	Raices and Toluca, Nevado de Toluca, La Piedra, Lagunas de Zempoala, Mexico
Geomydoecus mexicanus n. sp.	Price, R. D.; and Emerson, K. C., 1971 b, 229,230,232, 234,256, figs. 1,2,15,16,41, 53,68,87,141,142
key	
Pappogeomys merriami saccharalis	Atlixco, Puebla, Mexico
Geomydoecus minor Werneck	Price, R. D.; and Emerson, K. C., 1971 b, 230,232,233, 249, figs.
key	
Thomomys bottae pervagus	New Mexico
T. bottae	" "
T. r. rufous	" "
Thomomys sp.	Arizona; New Mexico

Geomydoecus (Thomomydoecus) minor Werneck	Price, R. D.; and Emerson, K. C., 1972 a, fig.
key	
Geomydoecus neocopei n. sp.	Price, R. D.; and Emerson, K. C., 1971 b, 229,230,232, 233,248, figs. 5,8,39,48,56, 76,131
key	
Thomomys umbrinus tolucae	Toluca, Nevado de Toluca, Raices, Mexico
T. umbrinus	Nevado de Toluca, Mexico
Thomomys sp.	" " "
Geomydoecus (Thomomydoecus) neocopei Price and Emerson, 1971	Price, R. D ; and Emerson, K. C., 1972 a, fig.
Geomydoecus oklahomensis n. sp.	Price, R. D.; and Emerson, K. C., 1971 b, 230,232,234, 242
key	
Geomys bursarius	Cleveland Co., Oklahoma
G. b. attwateri	Texas
G. b. brazensis	"
G. b. industris	Kansas
G. b. major	Oklahoma; Texas
Geomydoecus oregonus idahoensis n. subsp.	Price, R. D.; and Emerson, K. C., 1971 b, 230,233,236, 245
key	
Thomomys t. townsendii	Parma, Boise, Idaho
T. townsendii	Idaho
T. t. elkoensis	Nevada
T. t. nevadensis	"
T. bottae	California
Geomydoecus oregonus oregonus n. sp.	Price, R. D.; and Emerson, K. C., 1971 b, 229,230,233, 236,243,245, figs. 10,11,36, 42,52,133
key	
Thomomys bulbivorus	Portland, Granger, Hillsboro, Corvallis, Monroe, Oregon
T. mazama glacialis	Washington
Geomydoecus panamensis n. sp.	Price, R. D.; and Emerson, K. C., 1971 b, 230,232,234, 251, figs. 21,22,30,64,99,119
key	
Macrogeomys cavator	Chiriqui, Panama
Geomydoecus perotensis irolonis n. subsp.	Price, R. D.; and Emerson, K. C., 1971 b, 230,232,233, 256
key	
Pappogeomys merriami irolonis	Apam, Hidalgo, Mexico
Geomydoecus perotensis perotensis n. sp.	Price, R. D.; and Emerson, K. C., 1971 b, 229,230,233, 256, figs. 3,77,140
key	
Pappogeomys merriami estor	Las Vigas and Altotonga, Veracruz, Mexico
P. m. perotensis	Veracruz, Mexico
Geomydoecus polydentatus n. sp.	Price, R. D.; and Emerson, K. C., 1971 b, 230,233,234, 255-256, figs. 25,72,95,137
key	
Pappogeomys zinseri	Lagos de Moreno, Jalisco, Mexico
P. tylorhinus brevirostris	Guanajuato, Mexico
P. alcorni	Jalisco, Mexico
Geomydoecus quadridentatus n. sp.	Price, R. D.; and Emerson, K. C., 1971 b, 230,232,234, 240, figs. 94, 106, 146
key	
Geomys arenarius arenarius	Hudspeth Co., Texas; Porvenir, Chihuahua, Mexico; El Paso, Texas
G. a. brevirostris	New Mexico
Geomydoecus scleritus (McGregor)	Price, R. D.; and Emerson, K. C., 1971 b, 234, 236, figs.
key	
+Geomys pinetis austrinus	Florida
+G. p. floridanus	"
G. p. goffi	Florida; Georgia
G. p. mobilensis	Florida; Alabama
G. p. pinetis	Georgia
+G. colonus	"
G. cumberlandicus	"
G. fontanelus	"
Geomydoecus subcalifornicus n. sp.	Price, R. D.; and Emerson, K. C., 1971 b, 230,232,236, 240,242
key	
Thomomys bottae	Colorado Desert; California
T. b. simulus	Sonora, Mexico
T. b. perditus	Coahuila, Mexico
Geomydoecus texanus (Ewing)	Price, R. D.; and Emerson, K. C., 1971 b, 230,233,234, 242, figs.
key	
+Geomys personatus fallax	Texas
G. p. megapotamus	"
G. p. personatus	Texas; Tamaulipas, Mexico
G. tropicalis	Tamaulipas, Mexico
Pappogeomys castanops jucundus	Coahuila, Mexico
P. c. rubellus	Zacatecas, Mexico
Geomydoecus thomomyus (McGregor)	Price, R. D.; and Emerson, K. C., 1971 b, 232,233,234, 242-243, figs.
key	
Thomomys talpoides agrestis	Colorado
T. t. bullatus	North Dakota; South Dakota
T. t. clusius	Colorado
T. t. devexus	Washington
T. t. douglasii	"
T. t. fossor	New Mexico
T. t. fuscus	Washington; Idaho
T. t. macrotis	Colorado
T. t. ocius	"
T. t. pygmaeus	Idaho
T. t. quadratus	"
T. t. ravus	Colorado
T. t. talpoides	Alberta, Canada
T. t. wasatchensis	Utah
T. talpoides	Oregon; Washington; Utah
T. mazama glacialis	Washington
T. m. tumuli	"
T. monticola hesperus	Oregon
T. monticola	California; Nevada
Thomomys sp.	Oregon; New Mexico; Washington; Colorado; Utah
Geomydoecus thomomyus	Price, R. D.; and Emerson, K. C., 1971 b
Geomydoecus tolucae n. sp.	Price, R. D.; and Emerson, K. C., 1971 b, 230,233,234, 245, figs. 97, 122
key	
Thomomys umbrinus tolucae	Toluca, Nevado de Toluca, Raices, Mexico
T. umbrinus	Nevado de Toluca, Mexico
Thomomys sp.	" " "
Geomydoecus traubi n. sp.	Price, R. D.; and Emerson, K. C., 1971 b, 230, 233, 257, figs. 23, 24, 63, 75, 80, 138
key	
Pappogeomys m. merriami	Rio Frio, Mexico; La Piedra, Lagunas de Zempoala and Toluca, Nevado de Toluca, Mexico; Raices, Nevado de Toluca, Mexico

Geomydoecus trichopi n. sp.
key
Zygogeomys trichopus trichopus
Price, R. D.; and Emerson, K. C., 1971 b, 230,233,253, figs. 86, 120
Sierra Patamba, Michoacan, Mexico

Geomydoecus truncatus Werneck
key
Geomys personatus streckeri
Price, R. D.; and Emerson, K. C., 1971 b, 230,232,234, 242, figs.
Texas

Geomydoecus umbrini n. sp.
key
Thomomys umbrinus parviceps
T. u. atrovarius
T. u. crassidens
T. u. durangi
T. u. eximius
T. u. zacatecae
T. umbrinus subsp. n.
Thomomys sp.
Price, R. D.; and Emerson, K. C., 1971 b, 230,232,236, 240, figs. 54,69,93,101,135, 143
San Lorenzo, Sinaloa, Aguacaliente, Mexico
Sinaloa, Mexico
Zacatecas, Mexico
Durango, Mexico
Sinaloa, Mexico
Zacatecas, Mexico
Sinaloa, Mexico
" "

Geomydoecus veracruzensis n. sp.
key
Pappogeomys merriami fulvescens
Price, R. D.; and Emerson, K. C., 1971 b, 229, 230,233, 234,255, figs. 6, 70
Limon, Veracruz, Mexico

Geomydoecus wardi n. sp.
key
Thomomys talpoides macrctis
T. t. bullatus
T. t. clusius
T. t. fossor
T. t. nebulosus
T. t. ocius
T. talpoides
Thomomys sp.
Price, R. D.; and Emerson, K. C., 1971 b, 229,230,232,248, figs. 9,85,124
Cherry Creek, Douglas Co., Colorado
South Dakota
Colorado
Colorado; New Mexico
Wyoming; South Dakota
Colorado
Utah
New Mexico

Geomydoecus (Thomomydoecus) wardi Price and Emerson, 1971
key
Price, R. D.; and Emerson, K. C., 1972 a, fig.

Geomydoecus wernecki n. sp.
key
Pappogeomys zinseri
P. tylorhinus brevirostris
P. t. angustirostris
P. alcorni
Price, R. D.; and Emerson, K. C., 1971 b, 230,233,253-254, figs. 78, 109
Lagos de Moreno, Jalisco, Mexico
Guanajuato, Mexico
Jalisco, Mexico
" "

Geomydoecus yucatanensis n. sp.
Orthogeomys hispidus yucatanensis
Price, R. D.; and Emerson, K. C., 1971 b, 230, 232, 234, 249, figs. 35,46,60,125-127
Escarcega, Campeche, Mexico; Tizimin and Campoton, Campeche, Yucatan, Mexico

Geomylichus g. n.
Listrophoridae
Fain, A., 1970 c, 282
tod: Listrophorus dipodomius Radford, 1953

Gerbillophilus
subg. of Nosopsyllus, structure, male aedeagus and IX sternite
Goncharov, A. I., 1971 a

Gesubia subgenus
few remaining differing characteristics from other subgenera of Ctenophyllus
Lewis, R.E., 1972 a

Gigantolaelaps intermedia n. sp.
Neacomys tenuipes
Oryzomys albigularis
O. minutus
O. fulvescens
Rhipidomys sp.
Furman, D. P., 1971 a, 707, 709-712, figs. 7-12
Caracas, Dto. Fed., state of Miranda, Venezuela
Venezuela
"
"
"

Gigantolaelaps peruviana (Ewing)
Furman, D. P., 1971 a, fig.

Gigantolaelaps vitzthumi Fonseca
Furman, D. P., 1971 a, fig.

Gliricola panamensis Werneck, 1944
Hoplomys gymnurus truei
Proechimys semispinosus centralis
Emerson, K. C., 1971 b
all from Nicaragua

Gliricola porcelli
laboratory animals, gamma-BHC, merkaptotion of karbariel
van Aswegen, P. I. M.; Hesse, P.; and Howell, C. J., 1971 a

Gliricola porcelli (Linneo, 1758)
Cavia porcellus
de la Cruz, J., 1971 a
Cuba

Gliricoptes graphiuri nov. spec.
Graphiurus hueti (partie postérieure du dos)
Fain, A., 1970 a, 34-35, fig. 31
Côte d'Ivoire

Gliricoptes lepidotus Lawrence, 1956
as syn. of Myocoptes (Myocoptes) lepidotus (Lawrence, 1956)
Fain, A., 1970 a

Gliricoptes vulcanorum nov. spec.
Graphiurus vulcanicus
Fain, A., 1970 a, 34, fig. 30
Rutshuru, Kivu, Congo

Globularoschoengastia
as syn. of Helenicula Audy, 1954
Nadchatram, M.; and Traub, R., 1971 a

Globularoschoengastia comata
as syn. of Helenicula comata (Womersley, 1952)
Nadchatram, M.; and Traub, R., 1971 a

Globularoschoengastia globulare
as syn. of Helenicula globularis (Walch, 1927)
Nadchatram, M.; and Traub, R., 1971 a

Globularoschoengastia kohlsi
as syn. of Helenicula kohlsi (Philip and Woodward, 1946)
Nadchatram, M.; and Traub, R., 1971 a

Globularoschoengastia lanius
as syn. of Helenicula lanius (Radford, 1946)
Nadchatram, M.; and Traub, R., 1971 a

Globularoschoengastia mutabilis
as syn. of Helenicula mutabilis (Cater, 1932)
Nadchatram, M.; and Traub, R., 1971 a

Globularoschoengastia signata
as syn. of Helenicula signata (Womersley, 1952)
Nadchatram, M.; and Traub, R., 1971 a

Gohieria fusca
Oryctolagus cuniculus
Mead Briggs, A. R.; and Hughes, A. M., 1966 a
Great Britain

Goniocotes bidentatus
pigeon
Rafyi, A.; Alavi, A.; and Rak, H., 1969 b, fig.
Iran

Goniocotes chrysocephalus G.
[Gallus gallus]
Shousmanov, Sh., 1972 a
Tashkent oblast

Goniocotes gallinae (De Geer)
Caloperdix o. oculea
Elbel, R. E.; and Price, R. D., 1970 a
Malay Peninsula

Goniocotes gallinae
poultry
Mustaffa-Babjee, A., 1969 a
Malaysia

Goniocotes gallinae
Karbatox, domestic animals
Patyk, S.; Jasek, K.; and Buchalski, L., 1970 a

Goniocotes gallinae
chicken
Rafyi, A.; Alavi, A.; and Rak, H., 1969 b, fig.
Iran

Goniocotes gigas
poultry
Mustaffa-Babjee, A., 1969 a
Malaysia

Goniocotes gigas
chicken
Rafyi, A.; Alavi, A.; and Rak, H., 1969 b, fig.
Iran

Goniocotes hologaster, (Nitzsch, 1818)
[Gallus gallus]
[Streptopelia turtur]
Shcherbinina, O. Kh.; and Kurbanova, D. B., 1969 a
all from Ashkhabad

Goniocotes hologaster Nitzsch
[Gallus gallus]
Shousmanov, Sh., 1972 a
Tashkent oblast

Goniocotes mayuri sp. nov.
Syn.: G. rectangulatus of Emerson and Elbel,1957 [et auct.] nec Nitzsch
Pavo cristatus
Lakshminarayana, K. V.; and Emerson, K. C., 1971 a, 95, 98-101, figs. 5-9
U.K.: Yorks; India: Delhi; Assam: Jamduar; Nepal: Tamispur

Goniocotes parviceps (Piaget, 1880)
Pavo cristatus
P. muticus imperator
Lakshminarayana, K. V.; and Emerson, K. C., 1971 a, figs.
Delhi, India; Tamispur, Nepal
Kho Mountain, Thailand; Trang, Siam

Goniocotes rectangulatus Nitzsch, 1866, in Giebel
Lakshminarayana, K. V.; and Emerson, K. C., 1971 a

Goniocotes rectangulatus of Emerson and Elbel, 1957 [et auct.] nec Nitzsch
as syn. of Goniocotes mayuri sp. nov.
Lakshminarayana, K. V.; and Emerson, K. C., 1971 a, 98

Goniodelphys Buchholz, 1869
differential diagnosis
Ooishi, S.; and Illg, P. L., 1973 a, 229-230

Goniodelphys tokiokai n.sp.
male unknown
Pterygascidia longa (branchial sac)
Ooishi, S.; and Illg, P. L., 1973 a, 217-230, figs. 1-4
Basilan Strait between islands of Basilan and Mindanao, Philippines

Goniodes spp.
chicken
Rafyi, A.; Alavi, A.; and Rak, H., 1969 b, fig.
Iran

Goniodes bituberculatus (Rudow, 1869)
Tetrao urogallus
Brglez, J.; Hribar, H.; and Brelih, S., 1967 a
Slovenia

Goniodes colchici
temperature, humidity, water vapour uptake
Williams, R. T., 1971 b

Goniodes dissimilis
poultry
Mustaffa-Babjee, A., 1969 a
Malaysia

Goniodes dissimilis
chicken
Rafyi, A.; Alavi, A.; and Rak, H., 1969 b, fig.
Iran

Goniodes gigas
Sumithion, poultry
Hegde, K. S.; Rahman, S. A.; Rajasekariah, G. R.; and Gowda, R. N. S., 1972 a

Goniodes lagopi (Linnaeus, 1758)
Lagopus mutus islandorum
Timmermann, G., 1950 a
Vifilsstaðir, Iceland

Goniodes nebraskensis Carriker, 1946
Pedioecetes phasianellus
Boddicker, M. L.; and Hughins, E. J., 1965 a
South Dakota

Goniodes piageti John. et Har.
[Streptopelia turtur]
Shcherbinina, O. Kh.; and Kurbanova, D. B., 1969 a
Ashkhabad

Grubs, Cattle. See [Hypoderma]

Guimaraesia bellardii Schuurmans Stekhoven, Jr., 1951
as syn. of Basilia ferrisi Schuurmans Stekhoven Jr.,1931
Peterson, B. V., 1971 a, 4

Guntherana Womersley and Heaslip, 1943
"nomen novum for Guntheria Womersley on false grounds of preoccupation by Guntheria Bleeker (sic)"
as syn. of Guntheria Womersley, 1939
Domrow, R., 1971 b, 114

Guntherana sp. larva
Mus musculus
Brennan, J. M.; and Amerson, A. B., 1971 a
Sand Island

Guntherana cassiope
Rattus sordidus conatus
Doherty, R. L.; et al., 1971 a
Mitchell River, Queensland

Guntherana domrowi Brennan
Sterna lunata
S. fuscata (gular region)
Brennan, J. M.; and Amerson, A. B., 1971 a
McKean Island
Sand Island

Guntherana (Ornithogastia) merops n. sp.
Merops apiaster
Vercammen-Grandjean, P. H.; Rohde, C. J. (jr.); and Meshgali, H., 1970 a, 773, 775, 781, fig. 13a-f
Meshed, Iran

Guntherana (Ornithogastia) oenanthe n. sp.
Oenanthe picata
Vercammen-Grandjean, P. H.; Rohde, C. J. (jr.); and Meshgali. H., 1970 a, 773, 775, 781, fig. 14a-f
Meshed, Iran

Guntheria Womersley, 1939
correct original spelling, not a homonym of Guentheria Bleeker
Syn.: Guntherana Womersley and Heaslip, 1943
Domrow, R., 1971 b, 114

Guntheria daniae sp. n.
Rattus fuscipes (ears)
Domrow, R., 1971 b, 112, 116-117, figs. 17-24
5 miles west of Denmark, Western Australia

Guntheria falx sp. n.
Antechinus stuartii
Domrow, R., 1971 b, 112, 118-119, figs. 25-31, pl. I
Mt. Nebo, Queensland

Guntheria tessares sp. n.
Rattus fuscipes (ears)
Domrow, R., 1971 b, 112, 114-116, figs. 9-16
5 miles west of Denmark, Western Australia

Gyropus mesoamericanus Mendez, 1969
Hoplomys gymnurus truei
Emerson, K. C., 1971 b
Nicaragua

Gyropus ovalus
laboratory animals, gamma-BHC, merkaptotion of karbariel
van Aswegen, P. I. M.; Hesse, P.; and Howell, C. J., 1971 a

Haemaphysalis — Paul, S. D., 1966 a
vectors, Kyasanur forest disease, human, simian — India

Haemaphysalis — Senevet, G., 1970 a
infra-internal bristles of palps, morphology, location number

Haemaphysalis (Aborphysalis) aborensis Warburton, 1913 (tod of subgen.) — Hoogstraal, H.; Dhanda, V.; and El Kammah, K. M., 1971 a, figs. 1-44
key
species resurrected, description, diagnosis, ecology
Sus scrofa cristatus — Nepal, West Bengal, Assam, Burma
cow-yak hybrid — India
domestic buffalo — "
Gallus g. murghi — " , West Bengal
Tupaia glis versurae — " , Burma
Parus monticolus — West Bengal
Muntiacus muntjak vaginalis — " , Assam
Cervus unicolor niger — Assam
Gallus g. spadiceus — Burma
Arctonyx collaris subsp. — Burma
human (on clothes) — Burma
Hystrix hodgsoni subcristata — " , Thailand, Laos, North Vietnam
Cervus unicolor equinus — Burma
Felis t. tigris — " .

Haemaphysalis (Kaiseriana) aciculifer Warburton — Hoogstraal, H.; and El Kammah, K. M., 1972 a, figs.
redescription, key — Cameroun; Uganda; Sudan; Tanzania; Rhodesia; South Africa; Kenya
domestic cattle — Uganda
Kobus (Adenota) kob thomasi — Uganda
Ourebia ourebi ?aequatoria — "
Kobus ellipsiprymnus harnieri — "
domestic sheep — "
Tragelaphus s. spekei — "
T. scriptus bor — "
Gazella granti subsp. — Ethiopia
Hyaena hyaena dubbah — "
Viverra civetta schwarzi — Ethiopia; Kenya

Alcelaphus buselaphus tora — Sudan
Praomys tullbergi sudanensis — "
Lemniscomys striatus masaicus — Sudan; Kenya
Genetta tigrina erlangeri — Kenya
Lophuromys sikapusi zena — "
Praomys taitae — "
Herpestes sanguineus ibeae — "
Canis mesomelas elgonae — "
Neotragus moschatus akeleyi — "
Corvus albus — "
Tragelaphus scriptus delamerei — Kenya; Tanzania

Redunca redunca wardi — Kenya
Sylvicapra grimmia subsp. — "
Syncerus caffer (ear, neck) — "
domestic goat — Kenya; South Africa
duiker — Kenya
Kobus ellipsiprymnus thikae (neck) — "
Lepus capensis subsp. (ear, neck) — Kenya
Aepyceros melampus suara — "
Taurotragus oryx pattersonianus — "
Gazella thomsoni subsp. — Kenya; Tanzania
Atelerix pruneri hindei — Tanzania

Haemaphysalis (Kaiseriana) aciculifer.-- Continued. — Hoogstraal, H.; and El Kammah, K. M., 1972 a.-- Continued.

Felis (Panthera) leo masaicus — Tanzania
Lepus capensis zuluensis — South Africa
Redunca a. arundinum — " "
Felis (=Leptailurus) serval — " "
domestic ox — " "

Haemaphysalis ambigua Neumann, 1901 — Hoogstraal, H., 1969 b, 214
as syn. of H. (Alloceraea) inermis Birula

Haemaphysalis (Kaiseriana) anomala Warburton — Hoogstraal, H.; Dhanda, V.; and Bhat, H. R., 1972 a, figs.
description, immature stages, distribution, life cycle, ecology — all from India
domestic cattle
domestic buffalo
domestic goat
Centropus s. sinensis
Rattus rattus gangutrianus
R. r. rufescens
R. (Millardia) meltada

Haemaphysalis (Alloceraea) aponommoides Warburton — Hoogstraal, H., 1969 b
keys

Haemaphysalis (Alloceraea) aponommoides Warburton — Hoogstraal, H., 1971 c
domestic sheep — all from Nepal
cattle-yak hybrids
human
Lophophorus impejanus
Soriculus nigrescens subsp.
domestic cattle

Haemaphysalis (Alloceraea) aponommoides Warburton — Hoogstraal, H.; and Mitchell, R. M., 1971 a, figs.
description of larva and nymph, hosts, distribution, ecology
Lophophorus impeyanus — Nepal
Soriculus caudatus subsp. — "
S. nigrescens subsp. — "
Alticola roylei subsp. — "
Mus musculus subsp. — "
Rattus f. fulvescens — "
R. eha subsp. — "
Petaurista elegans caniceps — "
Felis sp. — "
Selenarctos t. thibetanus — "
Muntiacus muntjak vaginalis — "

Capricornis sumatraensis thar — "
domestic dog — "
domestic cattle — Nepal; West Bengal; Sikkim
Bos g. grunniens — Nepal
domestic zhum — Nepal; Tibet
Bubalus b. bubalus — Nepal; Yunnan, China
domestic goats — Nepal
domestic sheep — "
domestic horse — North-East Frontier Agency
human — Nepal; West Bengal

Haemaphysalis (Rhipistoma) asiatica — Saito, Y.; Hoogstraal, H.; and Vacuvat, C., 1971 a, figs.
Tupai glis subsp. — all from Thailand
Menetes berdmorei subsp.
Rattus sp.

Haemaphysalis (Aborphysalis) atherurus Hoogstraal, Trapido and Kohls, 1965 — Hoogstraal, H.; Dhanda, V.; and El Kammah, K. M., 1971 a
key

Haemaphysalis bancrofti — Doherty, R. L.; et al., 1971 a
Wallabia agilis
Macropus giganteus
all from Mitchell River, Queensland

Haemaphysalis (Rhipistoma) bartelsi Schulze — Hoogstraal, H.; et al., 1972 a, figs.
immature stages, nest of red giant flying squirrel
Petaurista e. elegans — all from Indonesia
Lariscus insignis javanus

Haemaphysalis (H.) birmaniae Supino (1897) — Hoogstraal, H., 1970 b, figs.
redescription, diagnosis, geographic distribution

Muntiacus (= Cervulus) muntjac subsp.	Burma
Atherurus macrourus subsp.	"
domestic zhum	Nepal
Naemorhedus goral subsp.	"
human (arm)	"
Axis a. axis	"
Antilope cervicapra subsp.	"
Muntiacus muntjak vaginalis	Nepal, India

Haemaphysalis bispinosa — Han, T. W., 1968 b
vector of small type Piroplasma, cattle — Korea

Haemaphysalis bispinosa — Hegde, K. S.; Rahman, S. A.; Rajesakariah, G. R.; and Gowda, R. N. S., 1972 a
Sumithion, cattle

Haemaphysalis (Kaiseriana) bispinosa Neumann — Hoogstraal, H.; Lim, B. L.; and Anastos, G., 1969 a
Arctictis binturong
Cuon javanicus
Felis bengalensis
Mustela nudipes
Paradoxurus hermaphroditus
Viverra tangalunga
Sus cristatus
cat
dogs
goats
sheep
all from Malaya

Haemaphysalis bispinosa — Hoogstraal, H.; Saito, Y.; Dhanda, V.; and Bhat, H. R., 1971 a, 182
cattle — India

Haemaphysalis bispinosa — Rajagopalan, P. K.; and Anderson, C. R., 1971 a
Macaca radiata
Presbytis entellus
Shimoga District, India, all from

Haemaphysalis bispinosa — Rangnekar, D. V.; Hiregoudar, L. S.; and Avasthi, B. L., 1971 a
malathion, cattle and buffalo — India

Haemaphysalis (Kaiseriana) borneata sp. n. — Hoogstraal, H., 1971 d, 1096-1098, figs. 1-9
Cervus unicolor brookei — Hose, Bode River, Sandakan Bay, near sea level, Sabah, Malaysia (formerly North Borneo)

Haemaphysalis (H.) calvus — Hoogstraal, H.; Saito, Y.; Dhanda, V.; and Bhat, H. R., 1971 a, 182
Selenarctos t. thibetanus — Thailand

Haemaphysalis (H.) campanulata Warburton — Hoogstraal, H., 1971 b
Cervus unicolor — Chathurangapara, Kottayar District, Kerala State, southern India

Haemaphysalis (Rhipistoma) canestrinii (Supino) (resurrected) — Hoogstraal, H., 1971 a, figs.
male redescribed, female and nymph described

human	Burma
Gallus g. gallus	"
Tupaia glis versurae	"
Rattus sp.	"
Viverricula indica thai	"
Viverra zibetha picta	"
Felis (Panthera) t. tigris	"
Felis (Panthera) pardus subsp.	" ; Nepal
Canis a. aureus	Pakistan, West; India
Vulpes bengalensis	" "
Felis chaus prateri	" "
Felis viverrina	Nepal
Funambulus pennanti subsp.	"
Mus sp.	"
Paradoxurus hermaphroditus pallasi	India
Felis (Panthera) pardus fusca	"
Arctonyx collaris subsp.	Thailand
Melogale personata subsp.	"
Herpestes auropunctatus siamensis	"
Felis chaus fulvidina	"
Lepus pequensis vassali	Vietnam, Republic of
Viverricula indica pallida	Taiwan

Haemaphysalis (Aborphysalis) capricornis Hoogstraal 1966 — Hoogstraal, H.; Dhanda, V.; and El Kammah, K.M., 1971 a
key

Haemaphysalis chordeilis Packard, 1869 — Boddicker, M. L.; and Hughghins, E. J., 1969 a
Pedioecetes phasianellus — South Dakota

Haemaphysalis chordeilis (Packard) — Wilson, N. A.; and Kale II, H. W., 1972 a
Toxostoma rufum
Agelaius phoeniceus
all from Indian River County, Florida

Haemaphysalis cinnabarina var. punctata — Serdiukova, G. V., 1960 a
development, life cycle

Haemaphysalis concinna Koch — Belozerov, V. N., 1969 c
diapause, photoperiodicity

Haemaphysalis concinna Koch, 1844 — Hinaidy, H. K., 1971 a
Vulpes vulpes — Austria

Haemaphysalis concinna — Krasnobaeva, Z. N.; Stepanchenok-Rudnik, G. I.; and Grokhovskaia, I. M., 1971 a
homogenates, electrophoresis, taxonomy

Haemaphysalis concinna Koch — Riedl, H.; et al., 1971 a
TBE virus isolated — Austria

Haemaphysalis concinna — Sixl, W.; Dengg, E.; and Waltinger, H., 1971 b, figs.
scanning electron microscopy

Haemaphysalis concinna Koch 1844 — Sixl, W.; Dostal, V.; Schmeller, E.; and Riedl, H., 1969 a
Lusciniola melanopogon — Steiermark

Haemaphysalis concinna Koch — Sosnina, E. F., 1969 a
Microtus arvalis
Apodemus flavicollis
A. sylvaticus
all from mountain Crimea

Haemaphysalis concinna — Volkov, V. I.; and Chernykh, P. A., 1971 a
incidence, population density — Khabarovsk region

Haemaphysalis (Kaiseriana) cornigera group — Saito, Y.; and Hoogstraal, H., 1972 a
Yaku Shima, Japan

Haemaphysalis cuspidata — Rajagopalan, P. K.; and Anderson, C. R., 1971 a
Macaca radiata — Shimoga District, India

Haemaphysalis (H.) darjeeling sp. n. — Hoogstraal, H.; and Dhanda, V., 1970 a, 169-174, figs. 1-20
Capricornis sumatraensis thar — Darjeeling District, West Bengal, India
Sus scrofa cristatus — Danjeeling District, West Bengal, India
Muntiacus muntjak vaginalis — Darjeeling District, West Bengal, India
human — Chunginen, Chiengmai, Thailand
Muntiacus muntjak subsp. host unknown — Imphal, Assam, India; Burma

Haemaphysalis (H.) darjeeling species relationships — Hoogstraal, H., 1970 b

Haemaphysalis (Kaiseriana) davisi sp. n. — Hoogstraal, H.; Dhanda, V.; and Bhat, H. R., 1970 a, 588-595, figs. 1-28
Cervus (Rusa) unicolor subsp. — Burma
Muntiacus muntjak subsp. — "
Felis (Panthera) t. tigris — "
Arctonyx collaris subsp. — "
Bos indicus — Burma; India; Sikkim
goats — India; Sikkim
Bos gaurus — India
horses — "
sheep — India; Sikkim
mules — India
Bos indicus x Bos gaurus — "

Haemaphysalis ethiopica Santos Dias 1958 as syn. of H. (Rhipistoma) spinulosa Neumann, 1906 — Camicas, J. L.; Hoogstraal, H.; and El Kammah, K. M., 1972 a

Haemaphysalis (H.) flava Neumann — Saito, Y.; and Hoogstraal, H., 1972 a
Yaku Shima, Japan

Haemaphysalis flava — Tsuihiji, G., 1971 a, fig.
Mt. Akagi, Japan

Haemaphysalis (Aborphysalis) formosensis Neumann, 1913 key — Hoogstraal, H.; Dhanda, V.; and El Kammah, K. M., 1971 a

Haemaphysalis formosensis — Saito, Y.; and Hoogstraal, H., 1972 a
Yaku Shima, Japan

Haemaphysalis (Allophysalis) garhwalensis Dhanda and Bhat domestic sheep — Hoogstraal, H., 1971 c
Nepal

Haemaphysalis (H.) goral sp. n. — Hoogstraal, H., 1970 b, 1227, 1235-1237, figs. 36-44
Naemorhedus goral subsp. (N.cinereus) — Jo-heng-chen, Chekiang, China

Haemaphysalis (Herpetobia) himalaya Hoogstraal — Hoogstraal, H.; and El Kammah, K. M., 1970 a, figs.
first description of nymph and larva
Hemitragus j. jemlahicus — India
Muntiacus muntjak vaginalis — India; Nepal
Naemorhedus goral subsp. — Nepal
domestic zhum — "
Axis a.axis — "
Cervus unicolor subsp. — "
Antilope cervicapra subsp. — "

Haemaphysalis (H.) hirsuta — Hoogstraal, H.; El Kammah, K. M.; Kadarsan, S.; and Anastos, G., 1971 a
Cervus unicolor equinus

Haemaphysalis (Rhipistoma) hispanica Gil Collado — Hoogstraal, H.; and Morel, P. C., 1970 a, figs.
redescription of adults, description of nymph, larva
Oryctolagus cuniculus subsp. O. c. brachyotus — Spain; France

Haemaphysalis hoodi hoodi (Warburton and Nuttall, 1909) chickens — Ikeme, M. M., 1972 a
Eastern Nigeria

Haemaphysalis (Rhipistoma) hyracophila sp. n. — Hoogstraal, H.; Walker, J. B.; and Neitz, W. O., 1971 a, 417-424, figs. 1-35
Procavia capensis rabbits (exper.) — Cape Province and Transvaal, Republic of South Africa

Haemaphysalis (Rhipistoma) indica Warburton (resurrected) redescription — Hoogstraal, H., 1970 c, figs.
Herpestes auropunctatus pallipes — West Pakistan
Herpestes edwardsi subsp. — " "
H. auropunctatus subsp. — " "
Canis aureus naria — India
Vulpes bengalensis — "
domestic dogs — "
Mellivora capensis indica — "
Herpestes sp. — "
Herpestes edwardsi lanka — Ceylon
Suncus murinus subsp. — "
Lepus nigricollis subsp. — Nepal
Canis aureus subsp. — "
Felis chaus subsp. — "
Herpestes edwardsi nyula — "
Viverra z. zibetha — "
Felis (Panthera) pardus pernigra — "
Axis a. axis — "

Haemaphysalis inermis vector, tick-borne encephalitis — Grešíková, M.; Weidnerová, K.; Nosek, J.; and Rajčáni, J., 1972 a

Haemaphysalis (Alloceraea) inermis Birula keys
Syn.: H. ambigua Neumann, 1901 — Hoogstraal, H., 1969 b

Haemaphysalis inermis tick-borne encephalitis virus, salivary glands — Nosek, J.; Ciampor, F.; Kožuch, O.; and Rajčani, J., 1972 a

Haemaphysalis inermis Birula, 1895 — Sixl, W.; Dengg, E.; and Waltinger, H., 1972 a, figs.
description, hypostome, palptarsus, stigma, organ of Haller, all covered by bacteria and mushroom spores

Haemaphysalis inermis Bir. Apodemus flavicollis A. sylvaticus — Sosnina, E. F., 1969 a
all from mountain Crimea

Haemaphysalis intermedia vector, Ganjam virus — Boshell M., J.; Desai, P. K.; Dandawate, C. N.; and Goverdhan, M. K., 1970 a

Haemaphysalis japonica douglasi Nutt. et Warb. incidence, population density — Volkov, V. I.; and Chernykh, P. A., 1971 a
Khabarovsk region

Haemaphysalis (Alloceraea) kitaokai sp. n.
keys, synonomy
cow
Cervus nippon nippon
Capricornis (=Naemorhedus) crispus crispus
? Cervus unicolor swinhoei
horse
Hoogstraal, H., 1969 b, 211-219, figs. 1-35
Mt. Sanbe, Shimane Prefecture, Honshu Island, Japan
Mie Prefecture, Honshu Island, Japan
Japan
Su-ao, I-lan Hsien, Taiwan

Haemaphysalis (Alloceraea) kitaokai Hoogstraal
Saito, Y.; and Hoogstraal, H., 1972 a
Yaku Shima, Japan

Haemaphysalis (Allophysalis) kopetdaghicus Kerbabayev, 1962
Hoogstraal, H., 1971 c

Haemaphysalis (Aborphysalis) kyasanurensis Trapido, Hoogstraal and Rajagopalan, 1964
key
Hoogstraal, H.; Dhanda, V.; and El Kammah, K. M., 1971 a

Haemaphysalis kyasanurensis
Presbytis entellus
Macaca radiata
Rajagopalan, P. K.; and Anderson, C. R., 1971 a
Shimoga District, India, all from

Haemaphysalis (Kaiseriana) lagrangei
Selenarctos t. thibetanus
Hoogstraal, H.; Saito, Y.; Dhanda, V.; and Bhat, H. R., 1971 a, 182
Thailand

Haemaphysalis (Rhipistoma) leachi (Audouin, 1827)
valid name
Camicas, J. L.; Hoogstraal, H.;and El Kammah, K. M., 1972 a

Haemaphysalis leachi
Genetta tigrina
Keymer, I. F., 1971 a
central Africa

Haemaphysalis leachii
Arvicanthis niloticus
Mastomys natelensis
Tatera kempi
Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a
East cantonment, South Ghana
East cantonment, Achimota, Korle-Bu, South Ghana
East cantonment, South Ghana

Haemaphysalis leachi
dog
Willeberg, P.; and Kjaersgaard, P., 1973 a, fig.
Denmark, imported from South Africa

Haemaphysalis leachii leachii
from animals or material imported into United States
Koutz, F. R., 1966 b

Haemaphysalis leporispalustris (Packard, 1896)
rabbits, drop-off of engorged ticks, circadian rhythm, light cycle
George, J. E., 1971 a

Haemaphysalis leporis-palustris
Good, N. E., 1972 a
New York State

Haemaphysalis leporis-palustris
disease transmission, man, review
Gregson, J.D., 1960 b
British Columbia

Haemaphysalis leporispalustris (Packard)
biochemistry, excretory products
Hamdy, B. H., 1972 a

Haemaphysalis leporispalustris
Odocoileus virginianus
Kellogg, F. E.; Kistner, T. P.; Strickland, R. K.; and Gerrish, R. R., 1971 a
Texas

Haemaphysalis leporispalustris
nymphal salivary glands, ultrastructure, feeding
Kirkland, W. L., 1971 a, figs.

Haemaphysalis leporis-palustris (Packard)
Syn.: Ixodes leporis-palustris Packard, 1869
Sylvilagus floridanus
Kohls, G. M., 1969 c, 133
Ronde Klip, Zapateer, Curaçao; Noord, Balashi, Aruba

Haemaphysalis leporis-palustris
review of role as vector of Pasteurella tularensis
Rausch, R. L.; Huntley, B.E.; and Bridgens, J. G., 1969 a
Alaska

Haemaphysalis leporis-palustris
development, life cycle
Serdíukova, G. V., 1960 a

Haemaphysalis leporispalustris
ecology, wild birds, rabbits
Sonenshine, D. E.; and Stout, I. J., 1970 a
Virginia-North Carolina Piedmont

Haemaphysalis leporis-palustris
Sylvilagus floridanus mallurus
S. palustris
Stringer, R. P.; Harkema, R.; and Miller, G. C., 1969 a
all from North Carolina

Haemaphysalis leporispalustris
Sturnus vulgaris
Vincent, A. L., 1972 a
San Diego County, California

Haemaphysalis leporispalustris (Packard)
Colinus virginianus
Sylvilagus palustris
Sylvilagus floridanus
Agelaius phoeniceus
Wilson, N. A.; and Kale II, H. W., 1972 a
all from Indian River County, Florida

Haemaphysalis leporispalustris
morphology, respiratory apparatus, scanning electron microscopy
Woolley, T. A., 1972 a, fig.

Haemaphysalis longicornis Neumann, 1901
taxonomic status
Dumbleton, L. J., 1973 a
New Zealand

Haemaphysalis longicornis
ovipositional patterns, photoperiod
Fujisaki, K.; Kitaoka, S.; and Morii, T., 1973 a

Haemaphysalis longicornis Neumann
biochemistry, excretory products
Hamdy, B. H., 1972 a

Haemaphysalis longicornis
gamma-radiation, longevity, fecundity, egg hatchability
Han, T. W.; Suh, M. D.; and Kim, B. J., 1971 a; 1971 b

Haemaphysalis longicornis
gamma-ray radiation, longevity, fecundity, egg hatchability, biological control
Han, T. W.; Suh, M. D.; and Kim, B. J., 1973 a

Haemaphysalis (Kaiseriana) longicornis Neumann
gonad development, gametogenesis, parthenogenetic race
Khalil, G.M., 1972 b, figs.

Haemaphysalis longicornis
chloride balance in feeding
Kitaoka, S., 1971 a

Haemaphysalis longicornis
bisexual and parthenogenetic races, chromosomes, hybridization
Oliver, J. H. (jr.); Tanaka, K.; and Sawada, M., 1973 a, figs.
Korea; Japan

Haemaphysalis (Kaiseriana) longicornis Neumann — Saito, Y.; and Hoogstraal, H., 1972 a
dog — Yaku Shima, Japan

Haemaphysalis (H.) megaspinosa Saito — Saito, Y.; and Hoogstraal, H., 1972 a
Yaku Shima, Japan

Haemaphysalis minuta Kohls, 1950 — Bhattacharyya, S. K., 1971 a
Pavo cristatus — Supkhar, Halon Valley, Balaghat District

Haemaphysalis (subgen.?) montgomeryi Nuttall — Hoogstraal, H., 1971 c
Capricornis sumatraensis thar — all from Nepal
Rattus rattoides subsp.
Mus musculus urbanus

Haemaphysalis (Rhipistoma) moreli sp. n. — Camicas, J. L.; Hoogstraal, H.; and El Kammah, K. M., 1972 a, 1185, 1188-1195, figs. 1-35
Genetta g. senegalensis — Senegal; Cameroun; Gabon; Sudan; Ethiopia; Kenya; Tanzania
Genetta tigrina subsp. — Senegal
Pseudogenetta villiersi — Senegal
Genetta pardina subsp. — Senegal
Viverra c. civetta — Senegal; Ivory Coast; Upper Volta; Cameroun; Zaire
Felis libyca subsp. — Senegal
cat, domestic — Senegal; Liberia; Ivory Coast; Central African Republic; Uganda
Erinaceus albiventris subsp. — Senegal
Genetta sp. — Senegal; Cameroun
Vulpes pallida subsp. — Senegal
Felis serval subsp. — Senegal
Dephomys defua — Ivory Coast
Praomys tullbergi subsp. — Ivory Coast; Upper Volta
bat (?) — Ivory Coast
Genetta maculata subsp. — Ivory Coast
Felis pardus subsp. — Upper Volta; Mali; Kenya
F. leo senegalensis — Upper Volta
Nandinia binotata — Gabon
Lepus crawshayi — Uganda
dogs, domestic — Uganda
Hyaena h. dubbah — Uganda; Ethiopia
Felis libyca ugandae — Sudan
Arvicanthis sp. — Ethiopia
Praomys sp. — Ethiopia
Felis leo subsp. — Ethiopia
+Galago senegalensis subsp. (nest) — Kenya
Viverra civetta schwartzi — Kenya; Tanzania
Lepus capensis subsp. — Kenya
Felis libyca taitae — Kenya
Canis adustus subsp. — Kenya

Haemaphysalis muhsamae Santos Dias 1954 — Camicas, J. L.; Hoogstraal, H.; and El Kammah, K. M., 1972 a
as syn. of H. (Rhipistoma) spimulosa Neumann, 1906

Haemaphysalis (Herpetobia) nepalensis Hoogstraal — Hoogstraal, H., 1971 c
human — all from Nepal
domestic cattle

Haemaphysalis novaeguineae — Hoogstraal, H.; and El Kammah, K. M., 1972 a
key

Haemaphysalis numidiana — Mel'chakova, E. D.; Savinov, E. F.; and Krivkova, A. M., 1969 a
Ovis orientalis arcal — Severnyĭ Aktau

Haemaphysalis (H.) obesa Larrousse — Hoogstraal, H.; Saito, Y.; Dhanda, V.; and Bhat, H. R., 1971 a, figs.
description of larva and nymph, ecology, life cycle
domestic cattle — India
Prebytis pileatus — "
human — Thailand
Selenarctos t. thibetanus — "
Sus scrofa cristatus — "
Tapirus indicus — "
vegetation — Malaysia
Muntiacus muntjak annamensis — Vietnam, Republic of

Haemaphysalis (Kaiseriana) papuana — Hoogstraal, H.; Saito, Y.; Dhanda, V.; and Bhat, H. R., 1971 a, 182
Selenarctos t. thibetanus — Thailand

Haemaphysalis papuana kinneari — Rajagopalan, P. K.; and Anderson, C. R., 1971 a
Macaca radiata — Shimoga District, India,
Presbytis entellus — all from

Haemaphysalis pavlovskyi Pospelova-Strom, 1935 — Borgarenko, L. F.; and Mukhammadkulov, M., 1971 a
Phasianus colchicus bianchii — Tadzhikistan

Haemaphysalis (Rhipistoma) pedetes sp. n. — Hoogstraal, H., 1972 a, 979-983, figs. 1-20
Pedetes capensis (=P. cafer (Gmelin)) — Transvaal, Republic of South Africa

Haemaphysalis (Haemaphysalis) pentalagi Pospelova-Shtrom — Hoogstraal, H.; and Yamaguti, N., 1970 a, figs.
redescription, male; description, female, nymph and larva — Mt. Yuwan, Amamioshima, Kagoshima Prefecture, Japan
+Pentalagus furnessi

Haemaphysalis punctata — Brocklesby, D. W.; and Barnett, S. F., 1972 a
vector, Theileria mutans

Haemaphysalis punctata Can. et Fanz. — Pinchuk, L. M., 1968 a
Erinaceus europaeus — Moldavia

Haemaphysalis punctata — Sixl, W.; Dangg, E.; and Waltinger, H., 1973 a, figs.
morphology, electron microscopic

Haemaphysalis punctata Can. et Fanz. — Sosnina, E. F., 1969 a
Microtus arvalis — mountain Crimea

Haemaphysalis punctata — Tovornik, D.; and Černy, V., 1972 a
sheep — island of Brač, Yugoslavia

Haemaphysalis (Kaiseriana) ramachandrai sp. n. — Dhanda, V.; Hoogstraal, H.; and Bhat, H. R., 1970 a, 823-831, figs. 1-35
domestic cattle — West Bengal, India
domestic goats — "
Muntiacus muntjak vaginalis — "
domestic buffalo — Himachel Pradesh, India
human — "
Felis (Panthera) pardus pernigra — Bara, Nepal
F. (P.) t. tigris — "
Cervus u. unicolor — "
Axis a. axis — "

Haemaphysalis ramachandrai — Hoogstraal, H.; Saito, Y.; Dhanda, V.; and Bhat, H. R., 1971 a, 182
cattle — India

Haemaphysalis (H.) roubaudi
species relationships
Hoogstraal, H., 1970 b

Haemaphysalis (Kaiseriana) rugosa Santos Dias
description, male, female, key
Viverra civetta — Senegal
Herpestes ichneumon occidentalis — "
Tragelaphus scriptus scriptus — "
Redunca r. redunca — "
Ourebia ourebi quadriscopa — "
+Redunca arundinum — Ghana
domestic cattle — Uganda
Damaliscus lunatus tiang — Sudan
Ourebia ourebi aequatoria — "
Kobus ellipsiprymnus harnieri (inguinal region) — "
Hoogstraal, H.; and El Kammah, K. M., 1972 a, figs.

Haemaphysalis (H.) sambar sp. n.
Cervus unicolor
Hoogstraal, H., 1971 b, 173-176, figs. 1-10
Chathurangapara, Kottayam District, Kerala State, southern India

Haemaphysalis spinigera
key
Hoogstraal, H.; and El Kammah, K. M., 1972 a

Haemaphysalis spinigera
cattle
Hoogstraal, H.; Saito, Y.; Dhanda, V.; and Bhat, H. R., 1971 a, 182
India

Haemaphysalis spinigera
vector, Kyasanur Forest disease virus
Rajagopalan, P. K.; and Anderson, C. R., 1970 a

Haemaphysalis spinigera
Macaca radiata
Presbytis entellus
Rajagopalan, P. K.; and Anderson, C. R., 1971 a
Shimoga District, India, all from

Haemaphysalis spinigera
isolation of Kaisodi virus
Sreenivasan, M. A.; Rajagopalan, P. K.; and D'Lima, L. V., 1973 a
Shimoga District, Mysore State, India

Haemaphysalis (Rhipistoma) spinulosa Neumann, 1906
valid name
Syns.: H. muhsamae Santos Dias 1954; H. ethiopica Santos Dias 1958
Camicas, J. L.; Hoogstraal, H.; and El Kammah, K. M., 1972 a

Haemaphysalis sulcata
Ovis orientalis arcal
Mel'chakova, E. D.; Savinov, E. F.; and Krivkova, A. M., 1969 a
Severnyĭ Aktau

Haemaphysalis (H.) sumatraensis sp. n.
Felis tigris sumatrae
Sus scrofa vittatus
Cervus unicolor equinus
Hoogstraal, H.; El Kammah, K. M.; Kadarsan, S.; and Anastos, G., 1971 a, 1104-1109, figs. 1-20
all from Lampong District, southern Sumatra (Indonesia)

Haemaphysalis (Herpetobia) sundrai Sharif, 1928
female redescribed, male described, ecology
domestic sheep
Dhanda, V.; and Bhat, H. R., 1971 a, figs.
Uttar Pradesh, India

Haemaphysalis (Allophysalis) tibetensis Hoogstraal, 1965
Hoogstraal, H., 1971 c

Haemaphysalis (H.) traubi
species relationships
Hoogstraal, H., 1970 b

Haemaphysalis (Haemaphysalis) traubi Kohls (1955)
male redescribed, female described
+Muntiacus muntjak rubidus
Cervus unicolor equinus (head)
Sus scrofa cristatus
Hoogstraal, H.; and El Kammah, K. M., 1971 a, figs.
Mt. Kinabalu, Sabah (Malaysia)
Kuala Rompin, Pekan, Pahang, Malay Peninsula
Kuala Lipis, Pahang, Malay Peninsula

Haemaphysalis turturis
vector, Kyasanur Forest disease virus
Rajagopalan, P. K.; and Anderson, C. R., 1970 a

Haemaphysalis turturis
Macaca radiata
Presbytis entellus
Rajagopalan, P. K.; and Anderson, C. R., 1971 a
Shimoga District, India, all from

Haemaphysalis turturis
isolation of Kaisodi virus
Sreenivasan, M. A.; Rajagopalan, P. K.; and D'Lima, L. V., 1973 a
Shimoga District, Mysore State, India

Haemaphysalis (Alloceraea) vietnamensis Hoogstraal and Wilson
key
Hoogstraal, H., 1969 b

Haemaphysalis (Allophysalis) warburtoni Nuttall
nymph and larva described, adult structural variation, ecology
Capricornis sumatraensis milneedwardsi, "probably" — China
Lophophorus impejanus (ear) — Nepal
Mus musculus homourus — "
domestic sheep — "
zhum (yak/cow hybrid) — "
Naemorhedus goral hodgsoni — "
Hemitragus j. jemlahicus — "
Hoogstraal, H., 1971 c, figs.

Haemaphysalis wellingtoni Nuttall and Warburton
Viverricula indica thai
Viverra zibetha picta
Felis (Panthera) pardus subsp.
Hoogstraal, H., 1971 a, 168, 170
all from Burma

Haemaphysalis wellingtoni Nuttall and Warburton
goats
Hoogstraal, H.; Lim, B. L.; and Anastos, G., 1969 a
Malaya

Haemaphysalis wellingtoni
from animals or material imported into United States
Koutz, F. R., 1966 b

Haemaphysalis wellingtoni
Presbytis entellus
Rajagopalan, P. K.; and Anderson, C. R., 1971 a
Shimoga District, India

Haemaphysalis wellingtoni Nuttall and Warburton 1907
vector, Ganjam virus
Rajagopalan, P. K.; Sreenivasan, M. A.; and Paul, S. D., 1970 a

Haemaphysalis wellingtoni
isolation of Kaisodi virus
Sreenivasan, M. A.; Rajagopalan, P. K.; and D'Lima, L. V., 1973 a
Shimoga District, Mysore State, India

Haemaphysalis (Kaiseriana) yeni Toumanoff (1944)
description, female, life cycle
Cervus unicolor equinus
dogs, domestic hunting
Saito, Y.; and Hoogstraal, H., 1972 a, figs.
North and South Vietnam
Japan (Kyushu)

Haematobia exigua
differential diagnosis, H. irritans
Kano, R.; Shinonaga, S.; and Hasegawa, T., 1972 a, figs.

Haematobia exigua
potential arbovirus vector, cattle, buffalo
Standfast, H. A.; and Dyce, A. L., 1972 a
Australia

Haematobia irritans
cattle, fenthion, trichlorfon, malathion, naled
Campbell, J. B.; and Raun, E. S., 1971 a

Haematobia irritans
sterile-male technique, ^{60}Co
Eschle, J. L.; et al., 1973 a

Haematobia irritans
Bacillus thuringiensis toxins, control
Gingrich, R. E.; and Eschle, J. L., 1971 a

Haematobia irritans
Ciodrin, Brahman and crossbred cattle
Greer, N. I.; Murphey, M.; and Janes, M. J., 1971 a

Haematobia irritans
development inhibited in feces of cattle treated orally with juvenile hormone analogue
Harris, R. L.; Frazar, E. D.; and Younger, R. L., 1973 a

Haematobia irritans
oviposition, light, temperature, effect on hatching rhythm, laboratory reared
Harris, R. L.; Miller, J. A.; and Frazar, E. D., 1971 a

Haematobia irritans
seasonal occurrence, control with dust bag applications of insecticides, cattle
Hayes, B.W.; Janes, M.J.; and Beardsley, D.W., 1972 a

Haematobia irritans
differential diagnosis, H. exigua
Kano, R.; Shinonaga, S.; and Hasegawa, T., 1972 a, figs.

Haematobia irritans (L.)
cattle, control, dust bags with crotoxyphos, backrubbers with toxaphene 6 EC, comparison
Kessler, H.; and Berndt, W.L., 1971 a

Haematobia irritans
cattle, self-dusting stations, 6 insecticides
Knapp, F. W., 1972 b

Haematobia irritans
coumaphos, used to disrupt life cycle
Kunz, S. E.; Cunningham, J. R.; and Eschle, J. L., 1973 a

Haematobia irritans
insecticides, ultralow volume application, review
Lofgren, C. S., 1970 a

Haematobia irritans
dust bags, beef cattle
Loomis, E. C.; Cannon, D. C.; Rimbey, C. W.; and Dunning, L. L., 1969 a

Haematobia irritans
physi logical development, classification, laboratory-reared females
Schmidt, C. D., 1972 a, figs.

Haematobia irritans
parasitic insects, not important as natural control agents of the horn fly
Thomas, G. D.; and Morgan, C. E., 1972 a
Missouri

Haematobia stimulans
development of Setaria cervi
Shol, V. A.; and Drobishchenko, N. I., 1971 a; 1972 a

Haematomyzus elephantis Piaget, 1869
Elephas indicus
Greve, J. H., 1969 a
Children's Zoo, Des Moines, Iowa; originated in Thailand

Haematopinus asini L. (equi auct.)
Hellén, W., 1952 a
Finland

Haematopinus asini (Linn.)
antennal structures, scanning electron microscopy
Miller, F. H. (jr.), 1971 a, figs.

Haematopinus asini (Linnaeus)
Equus caballus
Spencer, G. J., 1966 a
British Columbia

Haematopinus crassicornis
Cervus elaphus
Schweizer, R., 1949 a
Switzerland

Haematopinus eurysternus
Dursban, cattle
Buchanan, R. S.; and Coles, P. G., 1971 a

Haematopinus eurysternus
Sumithion, cattle
Hegde, K. S.; Rahman, S. A.; Rajasekariah, G. R.; and Gowda, R. N. S., 1972 a

Haematopinus eurysternus
incidence
cattle
Kim, S. K., 1968 b
Korea

Haematopinus eurysternus (Nitzsch)
antennal structures, scanning electron microscopy
Miller, F. H. (jr.), 1971 a, figs.

Haematopinus eurysternus
cattle
Mustaffa-Babjee, A., 1969 a
Malaysia

Haematopinus eurysternus
Karbatox, domestic animals
Patyk, S.; Jasek, K.; and Buchalski, L., 1970 a

Haematopinus eurysternus
dairy cattle
Ribbeck, R., 1972 a

Haematopinus eurysternus
treatment, cattle
Ryan, A. F., 1971 a, fig.
Tasmania

Haematopinus eurysternus (Nitzsch)
Bos taurus
Spencer, G. J., 1966 a
British Columbia

Haematopinus nigricantis n. sp.
Cervus nigricans
Weisser, C.; and Kim, K. C., 1972 a, 15-22, figs. 1-9
Bontoc, Mt. Province, Luzon, Philippines; Mt. Alan, Bongabon, Nueva Ecija, Republic of Philippines

Haematopinus peristictus Kellogg and Paine (partim), 1911
as syn. of Haematopinus phacochoeri Enderlein
Kim, K. C.; and Emerson, K. C., 1970 a, 384

Haematopinus phacochoeri Enderlein
Syn.: Haematopinus peristictus Kellogg and Paine (partim), 1911
Phacochoerus aethiopicus
Kim, K. C.; and Emerson, K. C., 1970 a, 384
Mozambique

Haematopinus praecisus (partim), Neumann, 1903 (emendation)
as syn. of Hoplopleura neumanni Fahrenholz, 1919
Kim, K. C.; and Emerson, K. C., 1970 a, 389

Haematopinus (Polyplax) praecisus (partim), Neumann, 1909
as syn. of Hoplopleura neumanni Fahrenholz, 1919
Kim, K. C.; and Emerson, K. C., 1970 a, 389

Haematopinus praecitus Neumann (partim), 1902 (lapsus calami [illegible])
as syn. of Hoplopleura neumanni Fahrenholz, 1919
Kim, K. C.; and Emerson, K. C., 1970 a, 389

Haematopinus quadripertusus (Fahrenholz)
antennal structures, scanning electron microscopy
Miller, F. H. (jr.), 1971 a, fig.

Haematopinus quadripertusus
cattle
Mustaffa-Babjee, A., 1969 a
Malaysia

Haematopinus suis
Alugan
Georgiev, M., 1970 a

Haematopinus suis — Häfner, P., 1971 a, figs.
copulatory apparatus, abdominal muscles and nerves, structure

Haematopinus suis — Henry, V.G.; and Conley, R.H., 1970 a
Sus scrofa — southern Appalachians

Haematopinus suis — Kellogg, F. E.; Kistner, T. P.; Strickland, R. K.; and Gerrish, R. R., 1971 a
Odocoileus virginianus — Florida

Haematopinus suis (Linn.) — Miller, F. H. (jr.), 1971 a, figs.
antennal structures, scanning electron microscopy

Haematopinus suis — Mustaffa-Babjee, A., 1969 a
pig — Malaysia

Haematopinus suis — Patyk, S.; Jasek, K.; and Buchalski, L., 1970 a
Karbatox, domestic animals

Haematopinus suis — Páv, J.; and Zajíček, D., 1971 a
Sus scrofa — Czechoslovakia

Haematopinus suis — Páv, J.; and Zajíček, D., 1971 b
Sus scrofa — Květov

Haematopinus suis — Spencer, G. J., 1966 a
Sus scrofa — British Columbia

Haematopinus suis — Žuković, M., 1970 d, fig.
DDT, HCH, swine

Haematopinus tuberculatus — Hegde, K. S.; Rahman, S. A.; Rajasekariah, G. R.; and Gowda, R. N. S., 1972 a
Sumithion, buffalo calves

Haematopinus tuberculatus (Burmeister) — Miller, F. H. (jr.), 1971 a, fig.
antennal structures, scanning electron microscopy

Haematopinus tuberculatus — Mustaffa-Babjee, A., 1969 a
buffalo — Malaysia

Haematopinus (Polyplax) ventricosus, Neumann, 1909 — Kim, K. C.; and Emerson, K. C., 1970 a, 395
as syn. of Haemodipsus ventricosus (Denny)

Haematopinus ventricosus (partim), Osborn, 1896 — Kim, K. C.; and Emerson, K. C., 1970 a, 395
as syn. of Haemodipsus ventricosus (Denny)

Haemobaphes — Kabata, Z., 1972 a
Lernaeoceridae, key

Haemobora Curtis, 1824 — Vanschuytbroeck, R., 1968 a, 16
as syn. of Lipoptena Nitzsch, 1818

Haemodipsus lyriocephalus — Schweizer, R., 1949 a
Lepus europaeus — Switzerland

Haemodipsus lyriocephalus (Burmeister, 1839) — Wegner, Z.; and Eichler, W., 1968 a
Lepus europaeus — Poland

Haemodipsus setoni — Allred, D. M., 1970 d
Lepus californicus, Peromyscus maniculatus, Sylvilagus nuttalii — all from near Idaho Falls, Idaho

Haemodipsus setoni Ewing, 1924 — Wegner, Z.; and Eichler, W., 1968 a
Lepus europaeus — Poland

Haemodipsus ventricosus (Denny) — Kim, K. C.; and Emerson, K. C., 1970 a, 395
Syn.: Haematopinus (Polyplax) ventricosus, Neumann, 1909; H. ventricosus (partim), Osborn, 1896
Lepus capensis — Mozambique

Haemodipsus ventricosus — Mead Briggs, A. R.; and Hughes, A. M., 1966 a
Oryctolagus cuniculus — localities throughout Great Britain

Haemodipsus ventricosus (Denny) — Spencer, G. J., 1966 a
Oryctolagus cuniculus — British Columbia

Haemogamasus sp. — Senotrusova, V. N.; and Shubin, I. G., 1969 a
Lagurus luteus — Zaisansky Hollow

Haemogamasus ambulans — Allred, D. M., 1970 d
Dipodomys ordii, Eutamias minimus, Onychomys leucogaster, Perognathus parvus, Peromyscus maniculatus, Reithrodontomys megalotis, Thomomys talpoides — all from near Idaho Falls, Idaho

Haemogamasus sp. — Davydov, G.S.; and Morozova, I.V., 1970 a
Microtus carruthersi — Tadzhikistan

Haemogamasus ambulans (Thorell) — Beliaev, V. G., 1969 a
ecology
Dicrostonyx torquatus vinogradovi, Lemmus s. sibiricus — all from Vrangel Island

Haemogamasus ambulans — Edler, A.; and Mehl, R., 1972 a
Sorex araneus, Lemmus lemmus, Clethrionomys rutilus, C. glareolus, C. rufocanus, Microtus agrestis, M. oeconomus, Apodemus flavicollis, A. sylvaticus — all from Norway

Haemogamasus ambulans Thorel. — Igolkin, N. I., 1960 a
Arvicola terrestris, Microtus oeconomus, Clethrionomys, [Micromys minutus], [Eutamias], Sorex, [Mustela sibiricus] — all from Ob River shore

Haemogamasus ambulans — Popov, V. M.; and Igolkin, N. I., 1960 b
eastern part, West Siberia

Haemogamasus ambulans — Whitaker, J. O. (jr.); and Mumford, R. E., 1972 a
Blarina brevicauda — Indiana

Haemogamasus ambulans — Whitaker, J. O. (jr.); and Schmeltz, L. L., 1973 a
Sorex palustris — St. Louis County, Minnesota

Haemogamasus ambulans (Thorell) — Wyman, R. L.; and Schaefer, K., 1972 a
Peromyscus maniculatus — Texas Co., Oklahoma

Haemogamasus bifurcatus Bibicova, 1964 — Davydov, G. S.; and Morozova, I.V., 1970 a
Microtus carruthersi — Tadzhikistan

Haemogamasus citelli, Breg. et Nelz., 1962
Ellobius talpinus
Microtus carruthersi
Apodemus sylvaticus
Davydov, G.S.; and Morozova, I.V., 1970 a
all from Tadzhikistan

Haemogamasus citelli
Lagurus luteus
Senotrusova, V. N.; and Shubin, I. G., 1969 a
Zaisansky Hollow

Haemogamasus daurica Breg., 1950
Apodemus sylvaticus
Davydov, G.S.; and Morozova, I.V., 1970 a
Tadzhikistan

Haemogamasus hirsutosimilis
Neomys anomalus milleri
Apodemus flavicollis
Mahnert, V., 1971 a
all from the Tirol, Austria

Haemogamasus hirsutosimilis Willm.
Sorex minutus
Talpa europaea
Pinchuk, L. M., 1968 a
all from Moldavia

Haemogamasus hirsutus
Sorex araneus
Microtus agrestis
Apodemus sylvaticus
Edler, A.; and Mehl, R., 1972 a
all from Norway

Haemogamasus hirsutus
Talpa europaea
Apodemus flavicollis
Microtus agrestis
Mahnert, V., 1971 a
all from the Tirol, Austria

Haemogamasus hirsutus
Oryctolagus cuniculus
Mead Briggs, A. R.; and Hughes, A. M., 1966 a
localities throughout Great Britain

Haemogamasus hirsutus Berl.
Sorex araneus
Talpa europaea
Pinchuk, L. M., 1968 a
all from Moldavia

Haemogamasus horridus
Sorex araneus
S. isodon
Neomys fodiens
Clethrionomys glareolus
Microtus agrestis
Edler, A.; and Mehl, R., 1972 a
all from Norway

Haemogamasus horridus
Sorex araneus
Apodemus flavicollis
Apodemus sylvaticus
Clethrionomys glareolus
Microtus agrestis
Sorex alpinus
Pitymys subterraneus
Mahnert, V., 1971 a
all from the Tirol, Austria

Haemogamasus ivanovi Breg., 1955
Microtus carruthersi
Apodemus sylvaticus
Ochotona rutila
Davydov, G.S.; and Morozova, I.V., 1970 a
all from Tadzhikistan

Haemogamasus kusumotoi (Asanuma), 1951
key
Apodemus mysticanus
A. sylvaticus
Garrett, D. A.; and Allred, D. M., 1971 a, 294, 298
Kemalpasa and Yamanlar, Turkey
Gordes, Turkey

Haemogamasus liponyssoides Ewing.
Arvicola terrestris
Clethrionomys
Sorex
Igolkin, N. I., 1960 a
all from Ob River shore

Haemogamasus liponyssoides
Blarina brevicauda
Cryptotis parva
Whitaker, J. O. (jr.); and Mumford, R. E., 1972 a
all from Indiana

Haemogamasus liponyssoides
Sorex palustris
Whitaker, J. O. (jr.); and Schmeltz, L. L., 1973 a
St. Louis County, Minnesota

Haemogamasus longitarsus
Onychomys leucogaster
Peromyscus maniculatus
Allred, D. M., 1970 d
all from near Idaho Falls, Idaho

Haemogamasus longitarsus
Blarina brevicauda
Whitaker, J. O. (jr.); and Mumford, R. E., 1972 a
Indiana

Haemogamasus nidi Mich.
ecology
Dicrostonyx torquatus vinogradovi
Lemmus s. sibiricus
Beliaev, V. G., 1969 a
all from Vrangel Island

Haemogamasus nidi
Sorex araneus
Neomys fodiens
Lemmus lemmus
Clethrionys rutilus
C. glareolus
C. [illegible]canus
Microtus agrestis
M. oeconomus
Apodemus sylvaticus
Edler, A.; and Mehl, R., 1972 a
all from Norway

Haemogamasus nidi
Sorex araneus
Apodemus flavicollis
Apodemus sylvaticus
Apodemus sp.
Clethrionomys glareolus
Microtus agrestis
Pitymys subterraneus
Microtus nivalis
Microtus arvalis rufescentefuscus
Mahnert, V., 1971 a
all from the Tirol, Austria

Haemogamasus nidi Michael
Oryctolagus cuniculus
Mead Briggs, A. R.; and Hughes, A. M., 1966 a
Great Britain

Haemogamasus nidi Mich.
Sorex araneus
Neomys anomalus
Talpa europaea
Pinchuk, L. M., 1968 a
all from Moldavia

Haemogamasus nidi
variation, taxonomic characters
Punda, M., 1972 a, figs.

Haemogamasus nidiformis
Sorex minutus
S. araneus
Lemmus lemmus
Clethrionomys rutilus
C. glareolus
Microtus agrestis
M. oeconomus
Apodemus sylvaticus
Edler, A.; and Mehl, R., 1972 a
all from Norway

Haemogamasus nidiformes Bregetova, 1955
key
Apodemus mysticanus
Microtus
Mus musculus
Garrett, D. A.; and Allred, D. M., 1971 a, 294, 298
Kemalpasa, Turkey
Gordes, Turkey
Kemalpasa, Turkey

Haemogamasus nidiformis
Microtus nivalis
Mahnert, V., 1971 a
the Tirol, Austria

Haemogamasus (Euhaemogamasus) pontiger
Oryctolagus cuniculus
Mead Briggs, A. R.; and Hughes, A. M., 1966 a
Great Britain

Haemogamasus reidi
Sciurus carolinensis
Parker, J. C.; and Holliman, R. B., 1972 a
Virginia

Haemogamasus reidi
role in the life cycle, Hepatozoon griseisciuri
Sciurus carolinensis
Redington, B. C.; and Jachowski, L. A. (jr.), 1972 a

Haemolaelaps sp.
Dipodomys ordii
Peromyscus maniculatus
Allred, D. M., 1970 d
all from near Idaho Falls, Idaho

Haemolaelaps sp.
Sylvilagus floridanus mallurus
Stringer, R. P.; Harkema, R.; and Miller, G. C., 1969 a
North Carolina

Haemolaelaps angustiscutis Breg., 1952
Meriones erythrourus
Citellus fulvus
Davydov, G. S.; and Morozova, I.V., 1970 a
all from Tadzhikistan

Haemolaelaps casalis
Perognathus parvus
Peromyscus maniculatus
Allred, D. M., 1970 d
all from near Idaho Falls, Idaho

Haemolaelaps casalis (Berlese, 1887)
Mus musculus
Rattus turkestanicus
Meriones erythrourus
Davydov, G.S.; and Morozova, I. V., 1970 a
all from Tadzhikistan

Haemolaelaps ellobii Breg., 1953
Ellobius talpinus
Rattus turkestanicus
Davydov, G.S.; and Morozova, I.V., 1970 a
all from Tadzhikistan

Haemolaelaps ellobii
[Meriones erythrourus]
Davydov, G.S.; and Morozova, I.V., [1971 a]
western Tadzhikistan

Haemolaelaps fahrenholzi Berlese, 1911
key
Apodemus
Microtus
Mus musculus
Garrett, D. A.; and Allred, D. M., 1971 a, 294, 297

Gordes, Turkey
Gokcal, Turkey
Gordes, Guzelbahce, Turkey

Haemolaelaps geomys
Geomys bursarius
(hair and epidermis)
Rissky, R. W., 1962 a
Clay County, South Dakota

Haemolaelaps glasgowi
Eremophila alpestris
Dipodomys ordii
Eutamias minimus
Microtus montanus
Onychomys leucogaster
Perognathus parvus
Peromyscus maniculatus
Plecotus townsendii
Reithrodontomys megalotis
Spermophilus townsendii
Thomomys talpoides
Allred, D. M., 1970 d
all from near Idaho Falls, Idaho

Haemolaelaps glasgowi
ectoparasite consortism, mammals
Allred, D. M., 1971 a
National Reactor Testing Station, Idaho

Haemolaelaps glasgowi (Ewing, 1925)
Rattus turkestanicus
Meriones erythrourus
M. tamariscinus
Mus musculus
Apodemus sylvaticus
Cricetulus migratorius
Microtus transcaspicus
M. afghanus
Davydov, G. S.; and Morozova, I.V., 1970 a
all from Tadzhikistan

Haemolaelaps glasgowi
[Nesokia indica]
Davydov, G.S.; and Morozova, I.V., [1971 a]
western Tadzhikistan

Haemolaelaps glasgowi (Ewing)
Liomys irroratus texensis
Eads, R. B.; Treviño, H. A.; and Campos, E. G., 1965 a
Cameron County, Texas

Haemolaelaps glasgowi (Ewing)
ecology, infestation rates compared, deer and harvest mice
Elzinga, R. J.; and Rees, D. M., 1964 b

Haemolaelaps glasgowi
Sigmodon hispidus
collection, modified washing technique
Henry, L. G.; and McKeever, S., 1971 a
southeastern Georgia

Haemolaelaps glasgowi Ewing.
Clethrionomys
Sorex
Igolkin, N. I., 1960 a
all from Ob River shore

Haemolaelaps glasgowi
Spermophilus tereticaudus neglectus (rump)
Lang, J. D., 1972 a
near Tucson, Arizona

Haemolaelaps glasgowi
Popov, V. M.; and Igolkin, N. I., 1960 a
eastern part, West Siberia

Haemolaelaps glasgowi
Lagurus luteus
Senotrusova, V. N.; and Shubin, I. G., 1969 a
Zaisansky Hollow

Haemolaelaps glasgowi (Ewing)
Peromyscus maniculatus
Wyman, R. L.; and Schaefer, K., 1972 a
Texas Co., Oklahoma

Haemolaelaps hirsti Keegan, 1956
as syn. of Androlaelaps hirsti (Keegan)
Zumpt, F. K. E.; and Elliott, G., 1970 a

Haemolaelaps longipes Breg., 1952
Rhombomys opimus
Meriones erythrourus
M. meridianus
M. tamariscinus
Mus musculus
Apodemus sylvaticus
Nesokia indica
Rattus turkestanicus
Crocidura suaveolens
Citellus fulvus
Allactaga elater
Davydov, G.S.; and Morozova, I.V., 1970 a

Haemolaelaps ovalis Costa, 1961
Meriones tristrami
Sonenshine, D. E.; and Ziv, M., 1971 a
Israel

Haemolaelaps razumovae Breg.
Sorex araneus
Pinchuk, L. M., 1968 a
Moldavia

Haemolaelaps semidesertus Breg., 1952
Allactaga elater
Meriones erythrourus
Davydov, G.S.; and Morozova, I.V., 1970 a
all from Tadzhikistan

Haemolaelaps semidesertus
Lagurus luteus
Senotrusova, V. N.; and Shubin, I. G., 1969 a
Zaisansky Hollow

Haemolaelaps tateronis, Zumpt & Till, 1953
as syn. of Androlaelaps tateronis (Radford)
Zumpt, F. K. E.; and Elliott, G., 1970 a

Haemolaelaps turkmenicus Mel., 1963
Davydov, G.S.; and Morozova, V.I., 1970 a
Tadzhikistan

Hannemania anurae n. sp. — Welbourn, W. C. (jr.); and Loomis, R. B., 1970 a, 65-68, fig. 1
- Syrrhophus modestus pallidus — NE Santa Lucia, Sinaloa and Nayarit, Mexico
- Hyla arenicolor — Sinaloa, Mexico
- Rana sinaloae — " "
- R. pipiens — Sinaloa, Nayarit and Jalisco, Mexico
- R. pustulosa — Sinaloa, Mexico
- Hyla eximia — Nayarit, Mexico
- Rana tarahumarae — Jalisco, Mexico
- R. montezumae — " "

Hannemania eltoni Sambon 1928 — Crossley, D. A. (jr.); and Proctor, C. W. (jr.), 1971 a
- Plethodon sp. — Clarke County, Georgia

Hannemania hegeneri Hyland 1956 — Crossley, D. A. (jr.); and Proctor, C. W. (jr.), 1971 a
- Rana pipiens — Bowden County, Georgia
- Acris crepitans — Dougherty County, Georgia

Hannemania monticola n. sp. — Welbourn, W. C. (jr.); and Loomis, R. B., 1970 a, 65, 68-71, fig. 2
- Hyla eximia — all from Durango, Mexico
- Ambystoma rasaceum
- Tomodactylus saxatilis

Hannemania saxicola n. sp. — Welbourn, W. C. (jr.); and Loomis, R. B., 1970 a, 65, 71-73, fig. 3
- Tomodactylus saxatilis — Durango, Mexico

Harpirhynchus sp. (Mégnin, 1877) — Brown, N. S., 1971 a
- Columba livia — Boston

Harrisonia Ferris 1922 — von Kéler, S., 1971 a, 14
- Syn.: Acanthomenopon Harrison, 1922
- key, description, Trimenoponidae

Harrisonia uncinata Ferris, 1922 — von Kéler, S., 1971 a
- Hoplomys gymnurus
- Proechimys guyannensis
- P. mincae
- P. oris
- P. trinitatis
- P. semispinosus

Hatschekia harkema Pearse — Pearse, A. S., [1953 c], figs.
- Chilomycterus schoepfi — Alligator Harbor, Florida

Hatschekia linearis Wilson — Pearse, A. S., [1953 c]
- Haemulon plumieri (gills) — Alligator Harbor, Florida, all from
- Lagodon rhomboides (gills)

Hatschekia ovalis (Bassett-Smith) [n. comb.?] — Pillai, N.K., 1971 b, figs.
- redescription

Hatschekia serrana n. sp. — Pearse, A. S., [1953 c], 220-221, figs. 84-92
- Ephinephelus morio (gills) — all from Alligator Harbor, Florida
- Mycteroperca bonaci

Hectopsylla broscus (Jord. y Roths.) — Bischoff de Alzuet, A. D., [1971 a]
- Dusicyon gymnocercus antiquus — Provincia de Buenos Aires

Hectopsylla broscus Jordan & Rothschild — Giménez, D.F.; Ciccarelli, C. A.; and de la Barrera, J. M., 1964 a
- Conepatus humboldti — all from Argentina
- C. castaneus proteus

Hectopsylla coniger Jordan & Rothschild — Giménez, D. F.; Ciccarelli, C. A.; and de la Barrera, J. M., 1964 a
- Conepatus arequipae — Bolivia
- Microcavia a. australis — Argentina
- Tympanoctomys barrerae — "

Hectopsylla cypha Jordan — Giménez, D.F.; Ciccarelli, C. A.; and de la Barrera, J. M., 1964 a
- Microcavia a. australis — all from Argentina
- Phyllotis (Graomys) g. griseoflavus
- Tympanoctomys barrerae

Hectopsylla gemina Jordan — Giménez, D.F.; Ciccarelli, C. A.; and de la Barrera, J. M., 1964 a
- Canis familiaris — all from Argentina
- Galea musteloides leucoblephara
- Lagostomus m. maximus
- Microcavia a. australis

Hectopsylla stomis Jordan — Giménez, D.F.; Ciccarelli, C. A.; and de la Barrera, J. M., 1964 a
- Lagostomus m. maximus — all from Argentina
- Microcavia a. australis

Helenicula Audy, 1954 — Nadchatram, M.; and Traub, R., 1971 a
- key to Old World species, genus redefined
- Syn.: Globularoschoengastia

Helenicula amicula n. sp. — Nadchatram, M.; and Traub, R., 1971 a, 562, 587-589, figs. 86-93
- key
- Hystrix sp. — Iran, Khuzistan Province, 93 km ESE of Behbehan
- Meriones sp. — Iran, Khuzistan Province, 18 km S of Masjed Soleyman
- Calomyscus sp. — Iran, Khuzistan Province, 92 km ESE of Behbehan

Helenicula bobaci Hushcha, 1966 — Nadchatram, M.; and Traub, R., 1971 a, 562
- "wrongly placed in Helenicula"

Helenicula comata (Womersley, 1952) — Nadchatram, M.; and Traub, R., 1971 a
- key
- Syn.: Globularoschoengastia comata
- Rattus mindanensis — Philippines

Helenicula covelli — Nadchatram, M.; and Traub, R., 1971 a
- as syn. of Helenicula lanius (Radford, 1946)

Helenicula dipodilli Taufflieb, 1958 — Nadchatram, M.; and Traub, R., 1971 a
- key, summary of taxonomic characters, hosts, distribution

Helenicula discalis n. sp. — Nadchatram, M.; and Traub, R., 1971 a, 562, 575-577, figs. 40-47
- key
- Mus musculus — Nepal: Ilam District, Shoktem

Helenicula edibakeri n. sp. — Nadchatram, M.; and Traub, R., 1971 a, 562, 571-573, figs. 24-31
- key
- Rattus rattus sladeni — all from Hong Kong, Lan Tau Island
- Rattus huang

Helenicula globularis (Walch, 1927) — Nadchatram, M.; and Traub, R., 1971 a
- key
- Syns.: Trombidium (? Trombicula) globulare Walch, 1927; Globularoschoengastia globulare
- Rattus mindanensis — Philippines
- Tupaia sp. — South Vietnam: Ban Me Thuot; Carya Danar

Helenicula hirtivectoralis n. sp.
Nadchatram, M.; and Traub, R., 1971 a, 562, 585-587, figs. 79-85
key
Meriones sp. — Quetta District, Ziarat and vicinity, W. Pakistan
Cricetulus migratorius — Quetta District, 5 km W of Ziarat, W. Pakistan
hamsters — Quetta District, Ziarat, W. Pakistan

Helenicula hongkongensis Womersley, 1957
Nadchatram, M.; and Traub, R., 1971 a
as syn. of Helenicula kohlsi (Philip and Woodward, 1946)

Helenicula kohlsi (Philip and Woodward, 1946)
Nadchatram, M.; and Traub, R., 1971 a, figs.
redescription, key
Syns.: Ascoschoengastia kohlsi; Globularoschoengastia kohlsi; Helenicula hongkongensis Womersley, 1957
Mus musculus — Madhya Pradesh, Kanha Park, India
M. booduga — Madhya Pradesh, Kanha Park, India
Nesokia sp. — Dir State, Dir, W. Pakistan; Khuzistan Prov., 45 km N Ahwaz, Iran
Rattus rattoides — Dir State, Dir, W. Pakistan
Suncus sp. — " " " "
S. murinus — Eastern Terai, Jhapa, Nepal
R. nitidus — " " " "
R. r. brunneusculus — Ilam Dist., Sakhejung, Nepal
Rattus sp. — Ban Me Thuot, South Vietnam
Tupaia glis — " "
R. rattus — Kanjanaburi, Thailand
Turnix tanki — Nan Ban Pha Hang, Thailand
Gallus gallus — " "

Helenicula kohlsi caucasica ssp. n.
Muliarskaia, L. V., 1971 a, 1186-1188, fig. 3
Microtus socialis — all from Azerbaidzhan
Meriones tristrami
M. persicus
M. vinogradovi
Apodemus sylvaticus
Mus musculus

Helenicula lanius (Radford, 1946)
Nadchatram, M.; and Traub, R., 1971 a, figs.
redescription, key
Syns.: Euschoengastia lanius; Neoschoengastia covelli Radford, 1953; Helenicula covelli; Globularoschoengastia lanius
Mus sp. — Hazara Dist., Kaghan Valley, Luluzar Lake, W. Pakistan
Hyperacrius fertilis — Kaghan Valley, Besal and Gitidas, W. Pakistan
Alticola roylei — W. Pakistan: Besal and Gitidas; Dir State, Lowari Top, 32 km N Dir
Apodemus sp. — W. Pakistan: Besal; Swat State, Kalam and Utror
Rattus mindanensis — Philippines
Hyperacrius sp. — W. Pakistan: Dir State, 24 km N Dir, 7 km S Lowari Top; Swat State, Utror, 10 km SE Sandoz Farm; Dir State, Lowari Top, 32 km N Dir
Rattus rattoides — W. Pakistan: Swat State, Gabral; Dir State, 17 km N Dir, 13 km S Lowari Top
squirrel — Grang, 20 km NE Trisuli, Nepal
Rattus rattus brunneus — Gokarna Game Reserve, 10 km N Kathmandu, Nepal
R. r. brunneusculus — Rapti River Valley, 15 km W Hitaura, Nepal

Helenicula lanius caspica ssp. n.
Muliarskaia, L. V., 1971 a, 1188-1190, fig. 4
Meriones persicus — all from Azerbaidzhan
M. tristrami
Microtus socialis

Helenicula litchia Liu et al., 1965
Nadchatram, M.; and Traub, R., 1971 a
key, summary of taxonomic characters, hosts, distribution

Helenicula longipoda n. sp.
Nadchatram, M.; and Traub, R., 1971 a, 562, 567, 571, figs. 16-23
key
Tupaia montana — E. Malaysia, Sabah, Mt. Kinabalu

Helenicula lukshumiae n. sp.
Nadchatram, M.; and Traub, R., 1971 a, 562, 581-582, figs. 63-70
key
Calomyscus sp. — Fars Province, 10 km SE of Kazerun, Iran

Helenicula miyagawai (Sasa, Kumada and Miura, 1951)
Nadchatram, M.; and Traub, R., 1971 a, figs.
redescription, key
Syn.: Euschoengastia miyagawai Sasa, Kumada and Miura, 1951
vole — Hazara Dist., Saif Ul Maluke, W. Pakistan
Rattus rattoides — Dir State 24 km N Dir and 15 km S Lowari Top, W. Pakistan
Alticola sp. — Dir State, 32 km N Dir, Lowari Top, W. Pakistan
Hyperacrius sp. — Dir State, Lowari Top, 32 km N Dir, W. Pakistan

Helenicula miyagawai
Sasa, M.; et al., 1971 a
morphology, taxonomy, scanning electron microscopy

Helenicula mutabilis (Gater, 1932)
Nadchatram, M.; and Traub, R., 1971 a, figs.
redescription, key
Syn.: Globularoschoengastia mutabilis
Tupaia glis — W. Malaysia
Ptilocerus lowii — " "
Lariscus insignis — " "
Rhinosciurus laticaudatus — " "
Callosciurus notatus — " "
Sundasciurus tenuis — " "
Rattus annandalei — " "
R. argentiventer — " "
R. bowersi — " "
R. cremoriventer — " "
R. rattus diardi — " "
R. edwardsi — " "
R. exulans — " "
R. tiomanicus jalorensis — " "
R. muelleri — " "
R. sabanus — " "
Paradoxurus hermophroditus — " "
Felis bengalensis — " "
Prionodon linsang — " "
Hemigalus derbyanus — " "
palm civet — Kapit, Rejang, Sarawak (E. Malaysia)
Menetes berdmorei — Nan Ban Pha Hang, Thailand

Helenicula nepalensis n. sp.
Nadchatram, M.; and Traub, R., 1971 a, 562, 589, figs. 94-101
key
Rattus rattus (brunneus or brunneusculus) — Nepal, Syabrudens, 35 km NE Trisuli

Helenicula olsufjevi (Schluger, 1955)
Nadchatram, M.; and Traub, R., 1971 a
key, summary of taxonomic characters, hosts, distribution

Helenicula pilosa (Abonnenc and Taufflieb, 1957) — Nadchatram, M.; and Traub, R., 1971 a
key
Rattus rattus brunneusculus — Nepal, Ilam Dist., Ghorva (forest)

Helenicula rattihaikonga (Hsu and Chen, 1957) — Nadchatram, M.; and Traub, R., 1971 a
key, summary of taxonomic characters, hosts, distribution

Helenicula rectangia Liu et al., 1965 — Nadchatram, M.; and Traub, R., 1971 a
key, summary of taxonomic characters, hosts, distribution

Helenicula scanloni Domrow and Nadchatram, 1964 — Nadchatram, M.; and Traub, R., 1971 a
key
Stachyria nigriceps — Doi Poi, Chiengmai, Thailand
Pitta oatesi — " " " "
Menetes sp. — Xuan Phu, South Vietnam
Tupaia sp. — Ban Me Thuot and Carya Danar, South Vietnam
Rattus sp. — Carya Danar, South Vietnam

Helenicula selvana Schluger et al., 1960 — Nadchatram, M.; and Traub, R., 1971 a
key, summary of taxonomic characters, hosts, distribution

Helenicula signata (Womersley, 1952) — Nadchatram, M.; and Traub, R., 1971 a, figs.
redescription, key
Syn.: Globularoschoengastia signata
Tupaia montana — E. Malaysia, Sabah, Mt. Kinabalu

Helenicula simena (Hsu and Chen, 1957) — Nadchatram, M.; and Traub, R., 1971 a
key, summary of taxonomic characters, hosts, distribution

Helenicula sparsa (Schluger, 1955) — Nadchatram, M.; and Traub, R., 1971 a
redescription, key
Syn.: Neoschoengastia sparsa Schluger, 1955
Apodemus sylvaticus — U.S.S.R., Tadjhikstan, River Migna-Sazdaj

Helenicula thomasi (Jadin and Vercammen-Grandjean, 1954) — Nadchatram, M.; and Traub, R., 1971 a
key, summary of taxonomic characters, hosts, distribution

Helenicula ungkomari n. sp. — Nadchatram, M.; and Traub, R., 1971 a, 562, 566-567, figs. 8-15
key
Tragulua nigricans — Philippines, Minagas Point, Palawan Bay, Balabac Island
Paradoxurus philippinensis — Philippines, Mt. Mantalingajan, Palawan Island
Tupaia palawanensis — Philippines, Minagas Point, Palawan Bay, Balabac Island
Tupaia mollenclorfi — Philippines, 6 km NE San Nicholas, Busuanga Island
Macaca philippinensis — Philippines, 6 km NE San Nicholas, Busuanga Island
Tupaia tana — Sabah, Kampong Baru Jumpa, 30 km S of Tenom
Tupaia montana — Sabah, Mt. Kinabalu

Helenicula vercammengrandjeani (Abonnenc and Taufflieb, 1957) — Nadchatram, M.; and Traub, R., 1971 a
key, summary of taxonomic characters, hosts, distribution

Helenicula wagamiya n. sp. — Nadchatram, M.; and Traub, R., 1971 a, 562, 580-581, figs. 52-59
key
Apodemus sp. — Swat State, Kalam, W. Pakistan

Hemicheyletus curvidens (Lawrence) — Volgin, V. I., 1966 c, fig. 2
morphological peculiarities, ontogenetical development

Hemigalichus g. n. — Fain, A., 1970 c, 276
Listrophoridae — tod: H. baramensis n. sp.

Hemigalichus baramensis sp. n. (tod) — Fain, A., 1970 c, 276
Hemigale derbyanus boiei — Baram, Sarawak

Heniochophilus japonicus Yamaguti and Yamasu, 1959 — Kabata, Z., 1965 e, figs.
Platax teira (gilis) — Brisbane, Australia

Hesperocimex coloradensis +Progne subis (nest) — Lee, R. D.; and Ryckman, R.E., 1955 a
Guaymas, Sonora, Mexico

Heterodoxus Le Souëf & Bullen — von Kéler, S., 1971 a, 49-51
Boopiidae, key, description, key to species
Syn.: Dendrolagia Mjöberg, 1919

Heterodoxus alatus sp. nov. — von Kéler, S., 1971 a, 49, 51-52, figs. 30-33, 115K, 116T, 121, 122
key
Thylogale brunii — Merauke River, west New Guinea; Mt. Kaindi, New Guinea

Heterodoxus ampullatus sp. nov. — von Kéler, S., 1971 a, 49, 50, 52-53, figs. 34-38, 115G, 116P, 123
key
Petrogale penicillata — Jenolan, New South Wales

Heterodoxus ancoratus sp. nov. — von Kéler, S., 1971 a, 49, 50, 53-54, figs. 39-42, 115J, 116S
key
Wallabia parryi — Mt. Lindesay foothills and Beaudesert, Queensland

Heterodoxus brevispinosa Harrison & Johnston, 1916 — von Kéler, S., 1971 a, 39
as syn. of Phacogalia brevispinosa Harrison & Johnston

Heterodoxus calabyi sp. n. — von Kéler, S., 1971 a, 49, 51, 54-55, figs. 43-47, 115H, 116Q
key
Syn.: ? H. longitarsus, [of] Harrison and Johnston, 1916
Wallabia dorsalis — Mt. Lindesay foothills, Queensland
W. eugenii — Snug Cove, Kangaroo Island, South Australia
W. bicolor — Victoria

Heterodoxus forcipatus, [of] Werneck, 1948 [pro parte] — von Kéler, S., 1971 a
as syn. of Macropophila biarcuata sp. nov.

Heterodoxus forcipatus, [of] Werneck, 1948 [pro parte] — von Kéler, S., 1971 a
as syn. of Macropophila clayae sp. nov.

Heterodoxus longitarsus (Piaget) — von Kéler, S., 1971 a, 55, figs.
key, description
Syn.: Menopon (Menacanthus) longitarsus, Neumann, 1912
Wallabia rufogrisea — Queensland; New South Wales; Tasmania

Heterodoxus longitarsus, [of] Neumann, 1913 — von Kéler, S., 1971 a
as syn. of H. spiniger (Enderlein)

?Heterodoxus longitarsus, [of] Harrison and Johnston, 1916 — von Kéler, S., 1971 a
as syn. of H. calabyi sp. n.

?Heterodoxus longitarsus, [of] Werneck, 1941
as syn. of H. octoseriatus sp. nov.
von Kéler, S., 1971 a, 60

Heterodoxus maai Emerson 1962
key, description
Dorcopsis veterum
von Kéler, S., 1971 a, figs.
West Irian

Heterodoxus macropus Le Souëf & Lullen
key, description
Macropus giganteus
Thylogale stigmatica
Wallabia agilis
von Kéler, S., 1971 a, 51, 58, figs.
all from Queensland, Australia

Heterodoxus mitratus sp. nov.
key
Dorcopsulus vanheurni
von Kéler, S., 1971 a, 49, 50, 59-60, figs. 52-55, 115-I, 116-R, 124
east Papua

Heterodoxus octoseriatus sp. nov.
key
Syn.: ? Heterodoxus longitarsus, [of] Werneck, 1941
Petrogale penicillata
von Kéler, S., 1971 a, 49, 51, 60-61, figs. 56-59, 115-O 116-Y, 116-Z, 125
Bonalbo and Upper Clarence River, New South Wales

Heterodoxus pygidialis Mjöberg, 1919
key, description
Syn.: Dendrolagia pygidialis Mjöberg, 1919
Dendrolagus lumholtzi
von Kéler, S., 1971 a, 50, figs.
Queensland, Australia

Heterodoxus quadriseriatus sp. nov.
key
Setonix brachyurus
von Kéler, S., 1971 a, 49, 51, 62-63, figs. 60-64, 115M, 116V-116X
Bald Island and Rottnest Island, West Australia

Heterodoxus spiniger (Enderlein, 1909)
dog
Emerson, K. C., 1971 a
Nepal

Heterodoxus spiniger (Enderlein)
key, description
Syn.: H. longitarsus, [of] Neumann, 1913
Canis familiaris
C. adustus
Wallabia agilis
von Kéler, S., 1971 a, 51, 63, figs.
Paraguay; Ceylon; Israel
Uganda
Queensland, Australia

Heterodoxus spiniger
dog
Mustaffa-Babjee, A., 1969 a
Malaysia

Heterodoxus ualabati Plomley, 1940
key, description
Wallabia bicolor
von Kéler, S., 1971 a, 51
Victoria; New South Wales; Queensland

Hexidionis Vercammen-Grandjean and Loomis, 1967
subgen. of Hexidionis, evolution, zoogeography
Vercammen-Grandjean, P. H., 1971 d

Hexidionis (Pentidionis) agamae (André, 1929)
Syns.: Thrombicula agamae André, 1929; T. (Eutrombicula) agamae Thor and Willmann, 1947; Hexidionis (Pentidionis) agamae Vercammen-Grandjean and Loomis, 1967
Agama sp.
Vercammen-Grandjean, P. H.; Rohde, C.J. (jr.); and Meshghali, H., 1970 a, fig.
Kazerun, Iran

Hippobosca Linnaeus, 1758
Hippoboscidae, key
Dale, W. E. A., 1969 a, 42,45

Hippobosca
key to sp.
Habib, A.; El-Kady, E. A.; and Risk, G. N., 1970 a, 582

Hippobosca
key to African species includes: equina; rufipes; hirusta; hirusta var. neavei; variegata; struthionis; camelina; fulva; longipennis; equina
Lamerton, J. F., 1965 a

Hippobosca Linné, 1758
Syns.: Nirmomyia Nitzsch, 1818; Zoomyia Bigot, 1885
Vanschuytbroeck, P., 1968 a, 14

Hippobosca aquilae Brodie et White, 1883
as syn. of Lynchia americana Leach, 1817
Vanschuytbroeck, P., 1968 a, 11

Hippobosca camelina (Leach)
key
camels
Habib, A.; El-Kady, E. A.; and Risk, G. N., 1970 a, 582
Egypt

Hippobosca camelina Leach, 1817
Vanschuytbroeck, P., 1968 a, 16
Obock, N. O. Afrique (?), Sahara

Hippobosca cuniculosa Thalhammer, 1899
as syn. of H. equina Linné, 1758
Vanschuytbroeck, P., 1968 a, 14

Hippobosca equi Macquart, 1835 (Theodor et Oldroyd, 1964)
as syn. of H. equina Linné, 1758
Vanschuytbroeck, P., 1968 a, 14

Hippobosca equina
lièvres
Bouvier, G.; Burgisser, H.; and Schneider, P. A., 1962 a
Suisse

Hippobosca equina L.
Syn.: Hippobosca taurina Rondani, 1878
Equus equus caballus
(región perianal)
Dale, W. E. A., 1969 a, 46
Cieneguilla-Lima

Hippobosca equina (Linn.)
key
cattle
cows
buffaloes
camels
Habib, A.; El-Kady, E. A.; and Risk, G. N., 1970 a, 582
Egypt, all from

Hippobosca equina Linné, 1758
Syns.: H. equi Macquart, 1835 (Theodor et Oldroyd, 1964); H. cuniculosa Thalhammer, 1899
Vanschuytbroeck, P., 1968 a, 14
Grèce, Indes, Europe, Afrique du Nord; Bosni, Dalmatie, Rhodes, Liban, France, Java, Madagascar (?)

Hippobosca longipennis (Fabricius)
sex ratio, dogs
Bahadur, R. R., 1970 a

Hippobosca longipennis
Panthera leo
Geigy, R.; Mwambu, P. M.; and Kauffmann, M., 1971 a
Musoma District, Tanzania

Hippobosca longipennis (Fabr.)
key
dogs
Habib, A.; El-Kady, E. A.; and Risk, G. N., 1970 a, 582
Egypt

Hippobosca longipennis Fabricius, 1805
synonymy
Vanschuytbroeck, P., 1968 a, 15
Molvadie, Honan, Chypre, Calcutta, Bucarest

Hippobosca montanus Ferris & Cole, 1922
as syn. of Melophagus ovinus (Linnaeus)
Dale, W. E. A., 1969 a, 50

Hippobosca ovina L.
as syn. of Melophagus ovinus (Linnaeus)
Dale, W. E. A., 1969 a, 50

Hippobosca rufipes Olfers, 1816
synonymy
Vanschuytbroeck, P., 1968 a, 15
Ruanda

Hippobosca taurina Rondani, 1878
as syn. of Hippobosca equina L.
Dale, W. E. A., 1969 a, 46

Hippobosca variegata Meg.
cattle (thighs, belly)
Osman, O. M.; and Yagi, A. I., 1972 a
Khartoum Province

Hippobosca variegata Megerle, 1803
Vanschuytbroeck, P., 1968 a, 15
Abyssinie, Obock.

Hippoboscidae
distribution, history, disease carriers
Austen, E. E., 1966 a, 163-178
Africa

Hippoboscidae
key to genera
Dale, W. E. A., 1969 a, 42-43

Hippoboscidae
taxonomic study
key to subfamilies
Habib, A.; El-Kady, E. A.; and Risk, G. N., 1970 a, 577
Egypt

Hippoboscidae
Lamerton, J. F., 1965 a
key to African genera includes: Crataerina; Stenepteryx; Ornitheza; Ornithomyia; Ornithoctona; Pseudolynchia; Lynchia; Olfersia; Melophagus; Echestypus; Lipoptena; Allobosca; Ornithoica; Hippobosca

Hippoboscid[ae sp.]
Carpodacus mexicanus
Warner, R. E., 1968 a
Kauai, Hawaii

Hippoboscinae
Hippoboscidae, key
Habib, A.; El-Kady, E. A.; and Risk, G. N., 1970 a, 578

Hirstionyssus sp.
Dendrocopos villosus
Dipodomys ordii
Eutamias minimus
Microtus montanus
Neotoma cinerea
Onychomys leucogaster
Perognathus parvus
Peromyscus maniculatus
Thomomys talpoides
Allred, D. M., 1970 d
all from near Idaho Falls, Idaho

Hirstionyssus sp.
Microtus carruthersi
Cricetulus migratorius
Microtus transcaspicus
Citellus relictus
Rattus turkestanicus
Davydov, G.S.; and Morozova, I.V., 1970 a
all from Tadzhikistan

Hirstionyssus n. sp.
Liomys irroratus texensis
Eads, R. B.; Treviño, H. A.; and Campos, E. G., 1965 a
Cameron County, Texas

Hirstionyssus sp.
Myotis oxygnathus
Mahnert, V., 1971 a
the Tirol, Austria

Hirstionyssus arcuatus
key
Apodemus mysticanus
A. sylvaticus
Mus musculus
Garrett, D. A.; and Allred, D. M., 1971 a, 294, 297
Yamanlar, Turkey
" "
Dikili, Izmir, Gordes and Guzelbahce, Turkey

Hirstionyssus bisetosus
Neotoma cinerea
Allred, D. M., 1970 d
near Idaho Falls, Idaho

Hirstionyssus blanchardi asiaticus subsp. n.
Marmota bobac
M. baibacina
Senotrusova, V. N.; and Kapitonov, V. I., 1970 a, 166-170, figs. 1-3
all from Kazakhstan

Hirstionyssus carnifex
Talpa europaea
Mahnert, V., 1971 a
the Tirol, Austria

Hirstionyssus carnifex (C.L. Koch) Oudems.
Talpa europaea
Crocidura leucodon
Pinchuk, L. M., 1968 a
Moldavia, all from

Hirstionyssus criceti (Sulzer, 1774)
Citellus relictus
Mus musculus
Davydov, G.S.; and Morozova, I.V., 1970 a
all from Tadzhikistan

Hirstionyssus criceti
Lagurus luteus
Senotrusova, V. N.; and Shubin, I. G., 1969 a
Zaisansky Hollow

Hirstionyssus ellobii Breg., 1956
Ellobius talpinus
Mus musculus
Meriones erythrourus
Rattus turkestanicus
Cricetulus migratorius
Davydov, G.S.; and Morozova, I.V., 1970 a
all from Tadzhikistan

Hirstionyssus eusoricis
Sorex alpinus
Mahnert, V., 1971 a
the Tirol, Austria

Hirstionyssus eversmanni
Lagurus luteus
Senotrusova, V. N.; and Shubin, I. G., 1969 a
Zaisansky Hollow

Hirstionyssus geomydis (Keegan, 1946)
Geomys bursarius illinoensis
Tuszynski, R. C.; and Whitaker, J. O. (jr.), 1972 a
Indiana

Hirstionyssus hatsukoae new species
Helictis moschata
Helictis moschata subauran-tiaca
Strandtmann, R. W., 1967 a, 687-691, figs. 1-9
Taiwan: Tung-men, Hualien Hsien
Taiwan: Wu Lai, Taipei Hsien, Tung-men, Hualien Hsien

Hirstionyssus heliosciurus Tauffieb et Mouchet, 1957
Heliosciurus gambianus
Okereke, T.A., 1970 a
Nigeria

Hirstionyssus hilli
Eutamias minimus
Onychomys leucogaster
Perognathus parvus
Peromyscus maniculatus
Allred, D. M., 1970 d
all from near Idaho Falls, Idaho

Hirstionyssus incomptus
Dipodomys ordii
Eutamias minimus
Perognathus parvus
Peromyscus maniculatus
Allred, D. M., 1970 d
all from near Idaho Falls, Idaho

Hirstionyssus incomptus Eads and Hightower
ecology, infestation rates mice
Elzinga, R. J.; and Rees, D. M., 1964 b
compared, deer and harvest

Hirstionyssus isabellinus
Microtus montanus
Allred, D. M., 1970 d
near Idaho Falls, Idaho

Hirstionyssus isabellinus Oudemans, 1913
population density on Microtus arvalis, seasonal dynamics
Antonenko, V. V., 1970 a

Hirstionyssus isabellinus (Oudem.)
ecology
Lemmus s. sibiricus
Dicrostonyx torquatus vinogradovi
Beliaev, V. G., 1969 a
all from Vrangel Island

Hirstionyssus isabellinus Oudemans, 1913
Mus musculus
Microtus afghanus
Davydov, G.S.; and Morozova, I.V., 1970 a
all from Tadzhikistan

Hirstionyssus isabellinus [Apodemus sylvaticus]
Davydov, G.S.; and Morozova, I.V., [1971 a]
western Tadzhikistan

Hirstionyssus isabellinus
Sorex araneus
Lemmus lemmus
Clethrionomys rutilus
C. glareolus
C. rufocanus
Microtus agrestis
M. oeconomus
Apodemus sylvaticus
A. flavicollis
Edler, A.; and Mehl, R., 1972 a
all from Norway

Hirstionyssus isabellinus Oudem.
Arvicola terrestris
Microtus oeconomus
Clethrionomys
Sorex
[Mustela sibirica]
[Neomys]
Igolkin, N. I., 1960 a
all from Ob River shore

Hirstionyssus isabellinus
Apodemus flavicollis
Clethrionomys glareolus
Microtus agrestis
Pitymys subterraneus
Microtus nivalis
Mahnert, V., 1971 a
all from the Tirol, Austria

Hirstionyssus isabellinus
Oryctolagus cuniculus
Mead Briggs, A. R.; and Hughes, A. M., 1966 a
Great Britain

Hirstionyssus isabellinus (Oudems.)
Sorex araneus
Neomys anomalus
Pinchuk, L. M., 1968 a
all from Moldavia

Hirstionyssus isabellinus
Lagurus luteus
Senotrusova, V. N.; and Shubin, I. G., 1969 a
Zaisansky Hollow

Hirstionyssus latiscutatus
Sorex araneus
Clethrionomys glareolus
Apodemus sylvaticus
Edler, A.; and Mehl, R., 1972 a
all from Norway

Hirstionyssus longichelae
Dipodomys ordii
Peromyscus maniculatus
Thomomys talpoides
Allred, D. M., 1970 d
all from Idaho Falls, Idaho

Hirstionyssus longichelae Allred and Beck, 1966
Geomys bursarius illinoensis
Tuszynski, R. C.; and Whitaker, J. O. (jr.), 1972 a
Indiana

Hirstionyssus meridianus Zemsk, 1955
Meriones tamariscinus
Rhombomys opimus
Meriones erythrourus
Mus musculus
Rattus turkestanicus
Vespertilio pipistrellus
Davydov, G.S.; and Morozova, I.V., 1970 a
all from Tadzhikistan

Hirstionyssus meridianus
[Apodemus sylvaticus]
[Cricetulus migratorius]
Davydov, G.S.; and Morozova, I.V., [1971 a]
all from western Tadzhikistan

Hirstionyssus musculi (Johnston, 1849)
Mus musculus
Apodemus sylvaticus
Rattus turkestanicus
Cricetulus migratorius
Microtus carruthersi
M. afghanus
Alticola argentatus
Davydov, G.S.; and Morozova, I.V., 1970 a
all from Tadzhikistan

Hirstionyssus musculi
[Ochotona rutila]
Davydov, G.S.; and Morozova, I.V., [1971 a]
western Tadzhikistan

Hirstionyssus musculi
Apodemus flavicollis
Apodemus sp.
Mahnert, V., 1971 a
all from the Tirol, Austria

Hirstionyssus musculi
Lagurus luteus
Senotrusova, V. N.; and Shubin, I. G., 1969 a
Zaisansky Hollow

Hirstionyssus myospalacis Zemsk. et Piontkovsk., 1957
protonymph described, life cycle, feeding
Senotrusova, V. N.; and Makhmutov, S. M., 1969 a, figs.

Hirstionyssus neotomae
Eutamias minimus
Neotoma cinerea
Allred, D.M., 1970 d
all from near Idaho Falls, Idaho

Hirstionyssus neotomae Eads & Hightower
Liomys irroratus texensis
Eads, R. B.; Treviño, H. A.; and Campos, E. G., 1965 a
Cameron County, Texas

Hirstionyssus occidentalis (Ewing)
ecology, infestation rates
mice
Elzinga, R. J.; and Rees, D. M., 1964 b
compared, deer and harvest

Hirstionyssus occidentalis
Spermophilus richardsonii
Hilton, D. F. J.; and Mahrt, J. L., 1971 b
Alberta

Hirstionyssus oryctolagi
Oryctolagus cuniculus
Mead Briggs, A. R.; and Hughes, A. M., 1966 a
localities throughout Great Britain

Hirstionyssus sciurinus
Sciurus vulgaris
Mehl, R., 1971 a, fig.
Norway

Hirstionyssus soricis
Sorex araneus
Edler, A.; and Mehl, R., 1972 a
Norway

Hirstionyssus talpae Zem.
Sorex araneus
Crocidura leucodon
Talpa europaea
Pinchuk, L. M., 1968 a
all from Moldavia

Hirstionyssus talpae
Blarina brevicauda
Cryptotis parva
Whitaker, J. O. (jr.); and Mumford, R. E., 1972 a
all from Indiana

Hirstionyssus tatricus
Microtus oeconomus
Edler, A.; and Mehl, R., 1972 a
Norway

Hirstionyssus tatricus
Clethrionomys glareolus
Microtus nivalis
Mahnert, V., 1971 a
all from the Tirol, Austria

Hirstionyssus thomomys
Onychomys leucogaster
Peromyscus maniculatus
Thomomys talpoides
Allred, D. M., 1970 d
all from near Idaho Falls, Idaho

Hirstionyssus transiliensis Breg., 1956
Microtus carruthersi
Citellus relictus
— Davydov, G.S.; and Morozova, I.V., 1970 a
all from Tadzhikistan

Hirstionyssus triacanthus
Sceloporus graciosus
Chordeiles minor
Dipodomys ordii
Eutamias minimus
Neotoma cinerea
Perognathus parvus
Peromyscus maniculatus
Spermophilus townsendii
— Allred, D. M., 1970 d
all from near Idaho Falls, Idaho

Hirstionyssus utahensis
Dipodomys ordii
Eutamias minimus
Onychomys leucogaster
Perognathus parvus
Peromyscus maniculatus
Spermophilus townsendii
— Allred, D. M., 1970 d
all from near Idaho Falls, Idaho

Hirstionyssus zaisanica sp. n.
Dipus sagitta
— Senotrusova, V. N., 1973 a, 435-436, figs. a, b, v
Zaisan Hollow (East Kazakhstan)

Hirsutiella Schluger et Vysotzkaja, g. n.
— Shluger, E. G.; and Vysotskaia, S. O., 1970 a, 163
tod: H. zachvatkini [new comb.]

Hirsutiella zachvatkini Schluger, 1948 [n. comb.] (tod)
Glis glis
Apodemus agrarius
A. sylvaticus
A. flavicollis
Clethrionomys glareolus
Arvicola scherman
Microtus arvalis
M. subterraneus
M. nivalis
— Shluger, E. G.; and Vysotskaia, S. O., 1970 a
all from Transcarpathian region

Hoffmannina reedi n. sp.
Thomasomys laniger
Marmosa fuscata
— Brennan, J. M., 1972 b, 16, 17, 18, fig. 1B
all from Trujillo, Venezuela

Hoffmannina suriana (A. Hoffmann), 1954
description of flagelliform sensillae
Sorex sp.
— Hoffmann Mendizabal, A., 1963 b, 103, 108-109, fig. 11
Ojo de Agua, Lagunas de Zempoala, Morelos

Hoffmannina suriana (Hoffmann)
Peromyscus leucopus castaneus
Sciurus yucatanensis baliolus
Peromyscus yucatanicus
— Loomis, R. B., 1969 a
all from Yucatan Peninsula, Mexico

Hohorstiella lata (Piaget, 1880)
Columba livia
— Brown, N. S., 1971 a
Boston

Hohorstiella lata
distribution on body of pigeon, oviposition and feeding behavior, role of host preening
— Nelson, B. C.; and Murray, M. D., 1971 a

Hohorstiella modesta (Ansari, 1941)
Streptopelia d. decaocto
— Černý, V., 1970 a
Olomouc, ČSSR

Holobomolochus nov. gen.
Bomolochidae
Syn.: Artacolax p. p. Wilson, 1908
— Vervoort, W., 1969 a, 1, 35-37
tod: H. nothrus (C. B. Wilson, 1913) [n. comb.]

Holobomolochus acutus (Gnanamuthu)
— Kabata, Z., 1971 b, 1572

Holobomolochus albidus (C. B. Wilson, 1932) [n. comb.]
Syn.: Bomolochus albidus C. B. Wilson, 1932
+Lophius piscatorius (gill chamber)
— Vervoort, W., 1969 a, 1, 60-68, figs.
Woods Hole, Mass.

Holobomolochus ardeolae (Krøyer, 1864) [n. comb.]
Syns.: Bomolochus ardeolae Krøyer, 1864; Artacolax (Bomolochus) ardeolae, C. B. Wilson, 1908; A. ardeolae, C. B. Wilson, 1911
Stegastes chrysurus (operculum)
— Vervoort, W., 1969 a, 1, 41-50, figs.
Piscadera Bay, Curaçao

Holobomolochus attenuatus (C. B. Wilson, 1913) [n. comb.]
Syn.: Bomolochus attenuatus C. B. Wilson, 1913
Scorpaena plumieri (gills, operculum)
— Vervoort, W., 1969 a, 1, 50-60, figs.
Montego Bay, Jamaica; Piscadera Bay, Curaçao

Holobomolochus confusus (Stock)
— Kabata, Z., 1971 b, 1572

Holobomolochus longicaudus (Cressey) [n. comb.]
— Kabata, Z., 1971 b, 1570, 1572

Holobomolochus nothrus (C. B. Wilson, 1913) n. g., [n. comb.] (tod)
Syn.: Bomolochus nothrus C. B. Wilson, 1913
Abudefduf saxatilis (operculum)
+Ogcocephalus vespertilio
— Vervoort, W., 1969 a, 1, 7-41, figs.
Montego Bay, Jamaica; Piscadera Bay, Curaçao
Port Aransas, Texas

Holobomolochus occultus sp. nov.
Lyopsetta exilis (gills)
Hippoglossoides elassodon (gills)
— Kabata, Z., 1971 b, 1563, 1567, 1568-1569, figs. 26-38
all from British Columbia

Holobomolochus palleucus (Wilson)
— Kabata, Z., 1971 b, 1572

Holobomolochus prolixus (Cressey) [n. comb.]
— Kabata, Z., 1971 b, 1570, 1572

Holobomolochus prolixus (Cressey, 1969)
description, male, female
Paralichthys californicus (gill cavity)
— Ho, J. S., 1972 a, figs.
Anaheim Bay, California

Holobomolochus scutigerulus (C. B. Wilson, 1935) [n. comb.]
Syns.: Bomolochus scutigerulus C. B. Wilson, 1935; Bomolochoides scutigerulus, Vervoort, 1962
Upeneus maculatus (gill chamber)
— Vervoort, W., 1969 a, 1, 68-80, figs.
Piscadera Bay, Curaçao

Holobomolochus spinulus (Cressey 1969) n. comb.
Syn.: Bomolochus spinulus Cressey 1969 (gills of all)
Oligocottus maculosus
Leptocottus armatus
— Kabata, Z., 1971 b
all from British Columbia

Holobomolochus venustus sp. nov.
(nasal cavity of all)
Sebastodes caurinus
Scorpaenichthys marmoratus
— Kabata, Z., 1971 b, 1563-1566, 1568, figs. 1-22
all from British Columbia

Holomenopon Eichler, 1941
key to species
— Price, R. D., 1971 a

Holomenopon acutae n. sp. — Price, R. D., 1971 a, 633, 637, 646
key — Israel; Ogden Bay, Utah
Anas acuta — South Africa
A. capensis

Holomenopon africanum (Kellogg et Paine, 1911) — Tendeiro, J., 1958 g, figs. Angola
Plectropterus gambensis gambensis

Holomenopon boetticheri Eichler, 1955 — Price, R. D., 1971 a
as syn. of Holomenopon tadornae (Gervais), sensu lato

Holomenopon brevi- [illegible] (Pi[illegible]) — Price, R. D., 1971 a, fig.
key
Cygnus melanocoryphus — Paraguay
Chloephaga picta — Falkland Is.
C. rubidiceps — South America

Holomenopon bucephalae n. sp. — Price, R. D., 1971 a, 633,640, 646
key
Bucephala albeola — Charleston, S. C.
B. clangula — U.S.A.

Holomenopon cairinae Eichler, 1943 — Price, R. D., 1971 a, figs. Brazil; Ecuador; British Guiana
key
Cairina moschata

Holomenopon clauseni n. sp. — Price, R. D., 1971 a, 633, 637,638,646, figs. 19,20
key
Aix sponsa — Onamia, Minn.; Albany Co., N. Y.; State College, Miss.; Winchester, N. H.; Miami, Fla.; Wayne Co., Ind.; Jeanerette, La.; Raleigh, N. C.;
Anas discors — U.S.A.
Bucephala albeola — U.S.A.

Holomenopon clypeilargum Eichler, sensu lato — Price, R. D., 1971 a, figs.
key
Anas crecca — U.S.A.; Formosa; Sweden
A. clypeata — U.S.A.; England
A. cyanoptera — U.S.A.
A. flavirostris — Bolivia
A. querquedula — Nepal
A. strepera — Formosa; England
Aythya valisineria — U.S.A.
Anas acuta — U.S.A.; Marshall Is.
A. americana — U.S.A.
A. discors — U.S.A.
A. penelope — Egypt; England
A. rubripes — U.S.A.
A. undulata — Kenya
Aythya collaris — U.S.A.
A. marila — Canada
A. novaeseelandiae — New Zealand
Mergus cucullatus — U.S.A.
M. merganser — "

Holomenopon concii Eichler, 1943 — Price, R. D., 1971 a
as syn. of Holomenopon leucoxanthum (Burmeister), sensu lato

Holomenopon dendrocygni Carriker, 1955 — Price, R. D., 1971 a
as syn. of Holomenopon leucoxanthum (Burmeister), sensu lato

Holomenopon goliath Clay — Price, R. D., 1971 a
key
Anseranas semipalmata — Australia

Holomenopon hanslöhrli Eichler, 1958 — Price, R. D., 1971 a
as syn. of Holomenopon leucoxanthum (Burmeister), sensu lato

Holomenopon leucoxanthum (Burmeister), sensu lato — Price, R. D., 1971 a, figs.
key
Syns.: Menopon leucoxanthum Burmeister, 1838; M. lunarium Rudow, 1869; M. albofasciatum Piaget, 1880; M. nyrocae Blagoveshtchensky, 1940; M. leucoxanthum var. marecae Blagoveshtchensky, 1940; Holomenopon concii Eichler, 1943; H. dendrocygni Carriker, 1955; H. hanslöhrli Eichler, 1958
Anas crecca crecca — Chao Chou, Ping-tung Hsien, Formosa
Anas americana — U.S.A
A. clypeata — "
A. cyanoptera — "
A. platyrhynchos — U.S.A.; Formosa
A. strepera — U.S.A.
A. superciliosa — Rennell Is.; W. Australia
Anser anser — Formosa; Thailand
Aythya affinis — U.S.A.; Canada; Canal Zone
A. americana — U.S.A.
A. australis — W. Australia
A. collaris — U.S.A.
A. fuligula — Switzerland
A. marila — England
A. valisineria — U.S.A.
Branta canadensis
Clangula hyemalis — Iceland
Dendrocygna arcuata — Australia
D. bicolor — Colombia; Kenya
D. eytoni — N. Queensland
D. javanica — Thailand
D. viduata — British Guiana
Melanitta nigra — U.S.A.; Sweden; Ross-Shire
Netta erythrophthalma — So. Africa
N. rufina — Rajputana
Oxyura jamaicensis — U.S.A.
Sarkidiornis melanotos — Uganda; Port. East Africa
Tadorna radjah — Australia
Bucephala albeola — Alaska

Holomenopon loomisii (Kellogg) — Price, R. D., 1971 a, figs.
key
Syn.: Menopon loomisii Kellogg, 1896
Melanitta fusca — Estonia
Mergus serrator — England
Somateria mollissima — Scotland
S. spectabilis — Lapland

Holomenopon maxbeieri Eichler — Price, R. D., 1971 a, figs. U.S.A.; Hungary
key
Anas platyrhynchos

Holomenopon museigotting-ense Eichler, 1954 — Price, R. D., 1971 a
as syn. of Holomenopon tadornae (Gervais), sensu lato

Holomenopon obscurum (Piaget) — Price, R. D., 1971 a — Papua
key
Tadorna radjah

Holomenopon setigerum (Blagoveshtchensky) — Price, R. D., 1971 a, figs.
key
Syn.: Menopon setigerum Blagoveshtchensky, 1948
Anas clypeata — U.S.A.
A. crecca
A. cyanoptera — U.S.A.
A. discors — "
A. querquedula — Nepal
A. smithii — Transvaal
A. strepera — U.S.A.
Chenonetta jubata — Australia
Cairina scutulata — Thailand

Holomenopon tadornae (Gervais), sensu lato — Price, R. D., 1971 a, figs.
key
Syns.: Philopterus tadornae Gervais, 1844; Menopon extraneum Piaget, 1880; M. eulasium Kellogg, 1910; Holomenopon museigottingense Eichler, 1955; H. boetticheri Eichler, 1955
Tadorna tadorna — England; Scotland
T. ferruginea — Rajputana; Siam
Alopochen aegyptiacus — British East Africa; Belgian Congo; Sudan; Cameroons; Uganda; South Africa; Ethiopia
Branta bernicla — England
Choephaga melanoptera — New York Zoo

Holomenopon transvaalense (Bedford) — Price, R. D., 1971 a
key
Syn.: Menopon transvaalensis Bedford, 1920
Anas platyrhynchos — S. Africa

Holomenopon tumidum (Piaget) — Price, R. D., 1971 a, figs.
key — Transvaal; Belgian Congo; Portuguese East Africa; N. Rhodesia
Plectropterus gambensis

Homoiotes palliata Wilson, 1905 — Kabata, Z., 1973 c
bionomen requested to be placed on the list of rejected names; composite taxon, type material consists of Lepeophtherius pravipes, L. breviventris and L. bifidus

Hoogstraalacarus new genus — Yunker, C. E., 1970 b, 239, 240-241, 253
Ewingidae, key — tod: H. tiwiensis n. sp.
key to species

Hoogstraalacarus tiwiensis n. genus, new species (tod) — Yunker, C. E., 1970 b, 241-243, 253, figs. 3-6
key — Kenya, Kiwale, Tiwi, Twiga Beach
Coenobita rugosus

Hooperella saccopteryx (Brennan and Jones, 1960) — Brennan, J. M., 1970 e
Peropteryx macrotis — Bolivia

Hooperella vesperuginis (Brennan and Jones, 1960) — Brennan, J. M., 1970 e
Carollia subrufa — all from Bolivia
Desmodus rotundus
Trachops cirrhosus

Hoplomyophilus Mendez 1967 — von Kéler, S., 1971 a
key, description, Trimenoponidae

Hoplomyophilus nativus Méndez, 1967 — Emerson, K. C., 1971 b
Hoplomys gymnurus truei — Nicaragua

Hoplomyophilus nativus Mendez, 1967 — von Kéler, S., 1971 a
Hoplomys gymnurus — Panama

Hoplopleura — Kim, K. C., 1972 a
key, Australian species
includes: Hoplopleura mastacomydis Kuhn & Ludwig, 1967; H. gyomydis Kuhn & Ludwig, 1967; H. bidentata (Neuman, 1909); H. uromydis Kuhn & Ludwig, 1967; H. cornata n. sp. H. irritans Kuhn & Ludwig, 1967

Hoplopleura sp. — Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a
Arvicanthis niloticus — South Ghana

Hoplopleura sp. — Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a
Tatera kempi — East cantonments, South Ghana

Hoplopleura sp. — Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a
Cricetomys gambianus — Tema periphery, South Ghana

Hoplopleura acanthopus — Allred, D. M., 1970 d
Microtus montanus — near Idaho Falls, Idaho

Hoplopleura acanthopus (Burmeister, 1839) — Emerson, K. C., 1971 c
Microtus mexicanus subsimus — Nuevo Leon, Mexico

Hoplopleura acanthopus (Burm.) — Sosnina, E. F.; and Tikhvinskaia, M. V., 1969 a
patterns of water vole infestation, tularemia epizootiology — all from Volga-Kama territory
Cricetus cricetus
Apodemus sylvaticus
A. flavicollis
Mustela eversmanni
M. erminea
Arvicola terrestris
Microtus arvalis
M. oeconomus
Clethrionomys glareolus

Hoplopleura acanthopus (Burmeister) — Spencer, G. J., 1966 a
Ochotona princeps fenisex — all from British Columbia
Thomomys talpoides fuscus
Synaptomys borealis chapmani
Lemmus trimucronatus trimucronatus
Neotoma cinerea occidentalis
Sorex cinereus cinereus
Clethrionomys gapperi saturatus
Rattus norvegicus
Microtus pennsylvanicus drummondi
M. townsendi
M. montanus canescens
M. longicaudus mordax
M. longicaudus vellerosus
M. oregoni serpens

Hoplopleura acanthopus Burmeister, 1839 — Voicu, M., 1968 a
Mus musculus — Roumania

Hoplopleura alticola sp. n. — Mishra, A. C.; and Bhat, H. R., 1972 a, 521, 523-525, 526, 529-530, figs. 10-18
Alticola roylei — India: Uttar Pradesh, Martoli, Pithoragarh District and Badrinath, Chamoli District; Himachal Pradesh, Chhetra, Lahaul and Spiti

Hoplopleura angulata Ferris — Johnson, P. T., 1972 g
Nyctomys sumichrasti — Panama

Hoplopleura arboricola — Allred, D. M., 1970 d
Sceloporus graciosus — all from near Idaho Falls, Idaho
Ereunetes mauri
Dipodomys ordii
Eutamias minimus
Marmota flaviventris
Perognathus parvus
Peromyscus maniculatus
Spermophilus townsendii

Hoplopleura arboricola (Kellogg & Ferris) — Spencer, G. J., 1966 a
Eutamias amoenus affinis — all from British Columbia
E. amoenus luteiventris

Hoplopleura arizonensis Stojanovich and Pratt, 1961 — Emerson, K. C., 1971 c
Sigmodon hispidus berlandieri — Coahuila, Mexico
Sigmodon hispidus microdon — Yucatan, Mexico

Hoplopleura blanfordi sp. n. — Mishra, A. C.; and Dhanda, V., 1972 a, 393-396, figs. 1-9
- Rattus (Rattus) blanfordi — Maharashtra State; Mysore State (Peninsular India)

Hoplopleura captiosa — Johnson, P. T., 1972 a, fig.

Hoplopleura cornata n. sp. — Kim, K. C., 1972 a, 675-678, figs. 1-7
- key — Australia
- Rattus cornatus

Hoplopleura diaphora Johnson, 1964 — Johnson, P. T., 1972 e, figs.
- comparison with H. kitti
- Rattus bowersii — Malaya, Selangor, Ulu Langat Forest Reserve; Vietnam, Djiring

Hoplopleura dissicula Johnson — Johnson, P. T., 1972 d, figs.
- +Rattus muelleri — Malaya; North Borneo

Hoplopleura emphereia Kim — Johnson, P. T., 1972 g, figs.
- Peromyscus nudipes — Panama

Hoplopleura enormis Kellogg and Ferris, 1915 — Kim, K. C.; and Emerson, K. C., 1970 a, 384-386, figs.
- Lemniscomys griselda — Mozambique

Hoplopleura erratica — Allred, D. M., 1970 d
- Eutamias minimus — all from near Idaho Falls, Idaho
- Perognathus parvus

Hoplopleura ferrisi emphereia Kim, 1965 — Emerson, K. C., 1971 b
- Peromyscus mexicanus saxatilis — Nicaragua

Hoplopleura ferrisi emphereia Kim, 1965 — Emerson, K. C., 1971 c
- Peromyscus guatamalensis guatamalensis — Chiapas, Mexico
- Peromyscus megalops auritus — Guerrero, Mexico
- Peromyscus thomasi cryophilus — Oaxaca, Mexico
- Peromyscus sp. — Jalisco, Mexico

Hoplopleura ferrisi ferrisi Cook and Beer, 1959 — Emerson, K. C., 1971 c
- Peromyscus boylii levipes — Jalisco, Mexico
- Peromyscus boylii spicilegus — Sinaloa, Durango, Nayarit, Mexico
- Peromyscus sp. — Morelos, Mexico

Hoplopleura hesperomydis — Allred, D. M., 1970 d
- Ereunetes mauri — all from near Idaho Falls, Idaho
- Dipodomys ordii
- Eutamias minimus
- Microtus montanus
- Onychomys leucogaster
- Perognathus parvus
- Peromyscus maniculatus
- Reithrodontomys megalotis

Hoplopleura hesperomydis (Osborn) — Elzinga, R. J.; and Rees, D. M., 1964 b
- ecology, infestation rates compared, deer and harvest mice

Hoplopleura hesperomydis (Osborn, 1891) ? — Emerson, K. C., 1971 c
- Peromyscus melanotis — Jalisco, Mexico

Hoplopleura hesperomydis (Osborn) — Spencer, C. J., 1966 a
- Peromyscus sitkensis prevostensis — all from British Columbia
- P. maniculatus austerus
- P. maniculatus oreas
- P. maniculatus artemisiae
- Peromyscus sp.

Hoplopleura hesperomydis (Osborn) — Wyman, R. L.; and Schaefer, K., 1972 a
- Peromyscus maniculatus — Texas Co., Oklahoma

Hoplopleura hirsuta Ferris, 1916 — Emerson, K. C., 1971 b
- Sigmodon hispidus griseus — Nicaragua

Hoplopleura hirsuta Ferris, 1916 — Emerson, K. C., 1971 c
- Sigmodon arizonae — Sinaloa, Mexico
- Sigmodon hispidus saturatus — Chiapas, Mexico
- Sigmodon hispidus toltecus — San Luis Potosí, Mexico

Hoplopleura hirsuta — Henry, L. G.; and McKeever, S., 1971 a
- Sigmodon hispidus — southeastern Georgia
- collection, modified washing technique

Hoplopleura inexpectans — Johnson, P. T., 1972 f, figs.
- description — Angola
- Rattus morio jacksoni

Hoplopleura intermedia — Johnson, P. T., 1972 f, figs.
- description

Hoplopleura intermedia Kellogg and Ferris — Kim, K. C.; and Emerson, K. C., 1970 a, 386, 388
- Mastomys natalensis — all from Mozambique
- Mus triton
- Myomys sp.
- Aethomys chrysophilus
- Steatomys sp.
- Dendromus sp.

Hoplopleura irritans Kuhn & Ludwig — Johnson, P. T., 1972 d
- Rattus assimilis — New South Wales

Hoplopleura ismailiae n. sp. — Johnson, P. T., 1972 f, 330, 333,334,335,336, figs. 1-6, 12,13,18,22,23
- Mastomys natalensis ismailiae — Sudan: Upper Nile Province. Khor Adar, Paloich, Demtemma, Melut

Hoplopleura kitti Kim 1968 — Johnson, P. T., 1972 e, figs.
- comparison with H. diaphora
- Rattus bowersii — Malaya, Perak, Maxwell's Hill; Laos
- Rattus edwardsi — Laos
- R. berdmorei — Thailand, Nakhon Ratchasima, Pak Thong Chai

Hoplopleura mendezi n. sp. — Johnson, P. T., 1972 g, 121, 132, 133, 134, figs. 22-26, 28-30
- Oryzomys sp. — Province of Chiriqui, Bambito, El Hato; Chiriqui Viejo, Casa Shannon, Panama

Hoplopleura nesoryzomydis Ferris — Johnson, P. T., 1972 g
- Zygodontomys microtinus — all from Panama
- Oryzomys capito talamancae

Hoplopleura neumanni Fahrenholz, 1919 — Kim, K. C.; and Emerson, K. C., 1970 a, 389, figs.
- Syns.: Haematopinus praecitus Neumann (partim), 1902 (lapsus calami praecisus); H. praecisus (partim) Neumann, 1903 (emendation); H. (Polyplax) praecisus (partim), Neumann, 1909
- Tatera leucogaster — Mozambique

Hoplopleura oenomydis Ferris — Johnson, P. T., 1972 d, figs.
- Oenomys sp. — Congo

Hoplopleura oenomydis Ferris
Rattus norvegicus
Spencer, G. J., 1966 a
British Columbia

Hoplopleura oryzomydis Pratt and Lane, 1951
Oryzomys alfaroi alfaroi
Oryzomys palustris couesi
Oryzomys palustris richmondi
Oryzomys palustris n. subsp.
Emerson, K. C., 1971 b
all from Nicaragua

Hoplopleura oryzomydis Pratt and Lane, 1951
Oryzomys caliginosus
O. capito
Johnson, P. T., 1972 g, figs.
Panama, all from

Hoplopleura pacifica
Johnson, P. T., 1972 a, figs.

Hoplopleura pacifica Ewing
+Rattus rattus
+R. norvegicus
Johnson, P. T., 1972 d, figs.
all from Oriental Region

Hoplopleura pahari n. sp.
Mus pahari
Johnson, P. T., 1972 a, 607, 608, 609, figs. 1, 3-4, 11, 14
Ban Theuong, 18 km NW Xieng Khouang, Laos

Hoplopleura patersoni Johnson, 1960
Aethomys namaquensis
A. chrysophilus
Kim, K. C.; and Emerson, K. C., 1970 a, 389-391, figs.
all from Mozambique

Hoplopleura pectinata (Cummings)
+Rattus surifer
Johnson, P. T., 1972 d, figs.
Malaya

Hoplopleura pelomydis Ferris
Lemniscomys griselda
Kim, K. C.; and Emerson, K. C., 1970 a, 391
Mozambique

Hoplopleura rajah n. sp.
Rattus surifer
Johnson, P. T., 1972 d, 219, 221, 224, 226, figs. 1,2,4, 6, 7,9,23
Laos, Pakse

Hoplopleura reithrodontomydis Ferris
ecology, infestation rates
Elzinga, R. J.; and Rees, D. M., 1964 b
compared, deer and harvest mice

Hoplopleura rukenyae Ferris (1921)
Mus triton
Kim, K. C.; and Emerson, K. C., 1970 a, 391
Mozambique

Hoplopleura sciuricola
Tamiasciurus hudsonicus
Mahrt, J.L.; and Chai, S.J., 1972 a
Alberta, Canada

Hoplopleura sciuricola
Sciurus carolinensis
Parker, J. C.; and Holliman, R. B., 1972 a
Virginia

Hoplopleura sciuricola Ferris
Tamiasciurus hudsonicus streatori
T. hudsonicus
T. douglasi mollipilosus
Spencer, G. J., 1966 a
all from British Columbia

Hoplopleura scotinomydis n. sp.
Scotinomys xerampelinus
Johnson, P. T., 1972 g, 121, 123, 125-127, figs. 2-3, 8-9, 11, 15-18
Province of Chiriqui, Panama

Hoplopleura setzeri Johnson, 1960
Grammomys dolichurus
Kim, K. C.; and Emerson, K. C., 1970 a, 392
Mozambique

Hoplopleura sicata Johnson
Rattus niviventer
R. fulvescens
R. argentiventer
R. exiguus
R. cremoriventer
Johnson, P. T., 1972 d, figs.
all from Laos

Hoplopleura silvula n. sp.
Vandeleuria oleracea
Johnson, P. T., 1972 a, 607, 608, 609, figs. 2, 5, 8-10, 12
18 km NW Xieng Khouang, Laos

Hoplopleura similis
Oryzomys fulvescens
Johnson, P. T., 1972 g, figs.
Panama

Hoplopleura somereni Waterston, 1923
Dasymys incomptus
Kim, K. C.; and Emerson, K. C., 1970 a, 392
Mozambique

Hoplopleura trispinosa Kellogg & Ferris
Glaucomys sabrinus columbiensis
G. sabrinus oregonesis
Spencer, G. J., 1966 a
all from British Columbia

Hoplopleura vandeleuria sp. n.
Vandeleuria oleracea
Mishra, A. C.; and Bhat, H. R., 1972 a, 521,522-523,526, 527,528, figs. 1-9
India: Mysore State Kaisodi (Shimoga District), and Maharashtra State, Deccan Gymkhana, Poona

Hoplopleura veprecula Ferris, 1921
Dasymys incomptus
Kim, K. C.; and Emerson, K. C., 1970 a, 392-394, figs.
Mozambique

Hoplopsyllus anomalus
Mephitis mephitis
Spilogale putorius
Mead, R. A., 1963 a
all from Sacramento Valley, California

Hoplopsyllus anomalus
transfer among hosts, epizootiology of plague
Citellus beecheyi
Rattus norvegicus
Sylvilagus audubonii
Ryckman, R. E., 1971 a
all from California

Hoplopsyllus anomalus
population density, seasonal fluctuations, climatic factors, Citellus beecheyi
Ryckman, R. E., 1971 b

Hoplopsyllus anomalus
deparasitized ground squirrels, reinfestation rate
Ryckman, R. E., 1971 c

Hoplopsyllus anomalus
dieldrin, application techniques, ground squirrels
Ryckman, R. E., 1971 d

Hoplopsyllus foxi
Sylvilagus audubonii
Ryckman, R. E., 1971 a
California

Hoplopsyllus glacialis affinis
systemic insecticides
Sylvilagus audubonni neomexicanus
Clark, P. H.; et al., 1971 a

Hoplopsyllus glacialis affinis (Baker)
Sylvilagus floridanus
Sciurus carolinensis
Sigmodon hispidus
Peromyscus floridanus
Sylvilagus palustris
Procyon lotor
Layne, J. N., 1971 a
Highlands, Polk, Putnam Counties, Florida
Highlands County, Florida
" " "
" " "
Lee County, Florida
Okeechobee County, Florida

Hoplopsyllus glacialis affinis (Baker)
Didelphis marsupialis virginiana
Lepus californicus melanotis
Sylvilagus floridanus alacer
Urocyon cinereoargenteus ocythous
Felis domestica
Schiefer, B. A.; and Lancaster, J. L. (jr.), 1970 a
all from Arkansas

Hornflies. [See also Haematobia irritans; Siphona irritans]

Hornflies — Miller, J. P., 1971 a
insecticides, dairy and beef cattle

Humesiella n. g. — Sebastian, M. J.; and Pillai, N. K., 1973 a, 143
Lichomolgidae — tod: H. corallicola n. sp.

Humesiella corallicola n. g., n. sp. (tod) — Sebastian, M. J.; and Pillai, N. K., 1973 a, 143-152, figs. 1-42
Hypnophors sp. — South East Coast of India

Hyalomma — Senevet, G., 1970 a
infra-internal bristles of palps, morphology, location number

Hyalomma — Starkoff, O. A., 1972 a
key to subgen.
includes: Hyalommina; Hyalommasta; Hyalomma

Hyalomma sp. — Hegde, K. S.; Rahman, S. A.; Rajesakariah, G. R.; and Gowda, R. N. S., 1972 a
Sumithion, cattle

Hyalomma spp. — Said, M. S.; et al., 1971 a
Asuntol, Bercotox, cattle

Hyalomma sp. — Saikku, P.; Ukranen, I.; and Brummer-Korvenkontio, M., 1971 a
Phoenicurus phoenicurus
Anthus trivialis
Cyanosylvia svecica — all from Finland

Hyalomma spp. — Stampa, S., 1964 b
Neguvon, Angora goats

Hyalomma aegyptium (Lin) — Blanc, G. R., 1961 a
injected with Rickettsia burneti

Hyalomma aegyptium — Heneberg, N.; Heneberg, D.; Milošević, J.; and Dimitijević, V., [1968 a]
as syn. of H. plumbeum plumbeum Panzer

Hyalomma (Hyalommasta) aegyptium Linné — Oliver, J.H. (jr.), 1972 a
cytotaxonomy, chromosome description

Hyalomma aegyptium (Linné) 1767 — Pavesi, P., 1880 a, 384
Egitto; Algeria
Syns.: Acarus aegyptius Fabricius; Cynorhaestes aegyptius Hermann; Ixodes aegyptius Savigny et Audouin; I. savignyi Gervais; Hyalomma aegyptium C. L. Koch

Hyalomma aegyptium — Satija, R. C.; Sharma, S. P.; and Khanna, S., 1971 a, figs.
histological studies, neural structures

Hyalomma (Hyalommasta) aegyptium — Sweatman, G. K.; and Gregson, J. D., 1970 a
feeding electrograms, temperature — Lebanon
Testudo kleinmanni

Hyalomma anatolicum — Barannikov, V. D., 1969 a
X-rays, development, reproduction

Hyalomma anatolicum Koch, 1884 — Heneberg, N.; Heneberg, D.; Milošević, J.; and Dimitijević, V., [1968 a]
distribution — Jugoslaviji
Syn.: H. excavatum

Hyalomma anatolicum Koch 1884 — Krylov, M. V.; and Krylova, N. P., 1969 a
vector, Nuttallia tadzhikistanica, survival

Hyalomma anatolicum — Petrovskiĭ, V.V.; and Ivanov, Iu. A., 1970 a
dursban, ciodrin, cattle

Hyalomma anatolicum — Sardey, M. R.; and Ghafoor, M. A., 1971 a
life cycle deviation, rabbit

Hyalomma anatolicum — Tevosov, A. M.; and Annagiev, A. A., 1956 a, 33
possible brucellosis carrier
[Bos taurus]

Hyalomma anatolicum anatolicum — Houshmand-Rad, P.; and Hawa, N. J., 1973 a
sheep — Iraq

Hyalomma anatolicum anatolicum — Houshmand-Rad, P.; and Hawa, N. J., 1973 b
vector of Theileria hirci, sheep

Hyalomma anatolicum anatolicum — Rangnekar, D. V.; Hiregoudar, L. S.; and Avasthi, B. L., 1971 a
malathion, cattle and buffalo — India

Hyalomma (H.) anatolicum anatolicum — Snow, K. R., 1971 a, figs.
identification of larvae, chaetotaxy

Hyalomma (H.) anatolicum excavatum Koch — Aboul-Nasr, A. E.; and Bassal, T. T. M., 1971 a
glucose concentration in body fluids

Hyalomma (Hyalomma) anatolicum excavatum — Araman, S. F., 1972 a
hemolymph and gut fluid, ionic concentration, osmotic pressure

Hyalomma anatolicum excavatum — Dolp, R. M., 1970 a
qualitative and quantitative studies, hemocytes, effect of nutrition, developmental stages, sexes

Hyalomma anatolicum excavatum — Dolp, R.M.; and Hamdy, B. H., 1971 a
lipoproteins, glycoproteins, nymphs, adults, engorged, premolt

Hyalomma (H.) anatolicum excavatum — Hajjar, N. P., 1971 a
nymphal development, sampling fluids for biochemical analyses on the basis of standard "physiological states" to overcome natural chronological variation

Hyalomma (H.) anatolicum excavatum (Koch) — Hajjar, N. P., 1972 a
nymphs, adults, biological fluids, phospholipids, sterol patterns

Hyalomma anatolicum excavatum — Hajjar, N. P., 1972 b
nymphs, weight variation, sex, premolting period

Hyalomma anatolicum excavatum Koch — Hamdy, B. H., 1972 a
biochemistry, excretory products

Hyalomma a[natolicum] excavatum — Hoffmann, G.; and Lindau, M., 1971 a
Rind — Niger

Hyalomma (H.) anatolicum excavatum Koch — Khalil, G. M., 1970 b, figs.
gonad development, gametogenesis

Hyalomma (H.) anatolicum excavatum Koch — Oliver, J.H. (jr.), 1972 a
cytotaxonomy, chromosome description

Hyalomma (H.) anatolicum excavatum — Snow, K. R., 1971 a, figs.
identification of larvae, chaetotaxy

Hyalomma anatolicum excavatum — Sonenshine, D.E.; and Ziv, M., 1971 a
sheep
Erinaceus sp.
Meriones tristrami
Israel, all from

Hyalomma asiaticum P. Sch. et E. Schl. — Balashov, Iu. S.; and Daĭter, A. B., 1969 a
respiration, rickettsia-infected and uninfected

Hyalomma asiaticum — Balashov, Iu. S.; Daĭter, A. B.; and Staniukovich, A.K., 1969 a, fig.
rickettsia-infected and uninfected, free amino acid content

Hyalomma asiaticum — Dremova, V. P.; and Smirnova, S. N., 1970 a
repellents

Hyalomma asiaticum — Kagramanov, A. I.; et al, 1967 a
tuberculous camels, possible tick vectors
Volga and Ural river areas

Hyalomma asiaticum — Krasnobaeva, Z. N.; Stepanchenok-Rudnik, G. I.; and Grokhovskaĭa, I. M., 1971 a
homogenates, electrophoresis, taxonomy

Hyalomma asiaticum — Lvov, D. K.; et al., 1971 a
transstadial passage, Tuleniy virus

Hyalomma asiaticum — Mel'chakova, E. D.; Savinov, E. F.; and Krivkova, A. M., 1969 a
Ovis orientalis arcal
Severnyĭ Aktau

Hyalomma asiaticum — Senevet, G., 1969 b
larvae, comparison with H. dromedarii

Hyalomma asiaticum — Serdiukova, G. V., 1960 a
development, life cycle

Hyalomma asiaticum asiaticum P. Sch. et E. Schl. — Musatov, V. A., 1970 a
repeated attachment and feeding, reaction of animal skin, immune nature

Hyalomma detritum — Albanese, M.; Smiraglia, C. B.; and Lavagnono, A., 1971 a
Sicily

Hyalomma detritum P. Sch., 1919 — Gusalova, N. G., 1972 a
changeability, morphological appearance, taxonomic significance

Hyalomma detritum — Heneberg, N.; Heneberg, D.; Milošević, J.; and Dimitijević, V., [1968 a]
distribution
konji
goveda
ovce
all from Kosovo and Metohija, Jugoslaviji

Hyalomma detritum — Serdiukova, G. V., 1960 a
development, life cycle

Hyalomma detritum — Tevosov, A. M.; and Annagiev, A. A., 1956 a, 33
[Bos taurus]

Hyalomma (H.) dromedarii Koch — Aboul-Nasr, A. E.; and Bassal, T. T. M., 1971 a
glucose concentration in body fluids

Hyalomma (H.) dromedarii Koch — Aboul-Nasr, A.E.; and Bassal, T.T.M., 1972 a
oxygen consumption, mating, feeding, oogenesis

Hyalomma (Hyalomma) dromedarii — Araman, S. F., 1972 a
hemolymph and gut fluid, ionic concentration, osmotic pressure

Hyalomma (H.) dromedarii — Bassal, T. T. M.; and Hefnawy, T., 1972 a
unfed and fed female
weights, oviposition rhythm, total egg output, cuticle as a limiting factor in feeding

Hyalomma dromedarii Koch — Berdyev, A., 1969 b
temperature, duration of development
Turkmen

Hyalomma dromedarii Koch — Berdyev, A., 1969 d
seasonal incidence
camels
cattle
goat
all from Turkmenia

Hyalomma dromedarii — Burgdorfer, W.; Ormsbee, R. A.; and Hoogstraal, H., 1972 a
transmission trials, Rickettsia prowazeki

Hyalomma (H.) dromedarii Koch, 1944 — Das, H.L.; and Subramanian, G., 1972 a
3-host life cycle, 2-host life cycle, days to completion, effects of temperature and humidity

Hyalomma dromedarii Koch — Dolp, R. M., 1970 a
qualitative and quantitative studies, hemocytes, effect of nutrition, developmental stages, sexes

Hyalomma dromedarii — Dolp, R. M.; and Hamdy, B.H., 1971 a
lipoproteins, glycoproteins, nymphs, adults, engorged, premolt

Hyalomma dromedarii — Frayha, G. J.; Dajani, R. M.; Samia, L. H.; and Sweatman, G. K., 1972 a
dicarboxylic acid pathway, nymphs

Hyalomma (H.) dromedarii Koch — Hafez, M.; El-Ziady, S.; and Hefnawy, T., 1970 a
cuticular permeability: male and female, unfed and engorged, temperature, desiccation, chloroform, inert dusts, molting

Hyalomma (Hyalomma) dromedarii — Hafez, M.; El-Ziady, S.; and Hefnawy, T., 1970 b
water vapor uptake, humidity, different developmental stages

Hyalomma (H.) dromedarii — Hajjar, N. P., 1971 a
nymphal development, sampling fluids for biochemical analyses on the basis of standard "physiological states" to overcome natural chronological variation

Hyalomma (H.) dromedarii (Koch) — Hajjar, N. P., 1972 a
nymphs, adults, biological fluids, phospholipids, sterol patterns

Hyalomma dromedarii — Hajjar, N. P., 1972 b
nymphs, weight variation, sex, premolting period

Hyalomma dromedarii Koch — Hamdy, B. H., 1972 a
biochemistry, excretory products

Hyalomma (Hyalomma) dromedarii — Hefnawy, T., 1970 a
water loss from spiracles, carbon dioxide and humidity

Hyalomma dromedarii — Hoffmann, G.; and Lindau, M., 1971 a
Rind
Dromedar
Pferd
Esel
all from Niger

Hyalomma dromedarii — Issa, G. I.; and Salit, A. M., 1968 a
susceptibility, dieldrin, malathion, fenthion
Egypt, U.A.R.

Hyalomma dromedarii — Krasnobaeva, Z. N.; Stepanchenok-Rudnik, G. I.; and Grokhovskaĭa, I. M., 1971 a
homogenates, electrophoresis, taxonomy

Hyalomma (H.) dromedarii — Oliver, J.H. (jr.), 1972 a
Koch
cytotaxonomy, chromosome description

Hyalomma dromedarii — Senevet, G., 1969 b, fig.
larvae, comparison with H. asiaticum

Hyalomma dromedarii — Župančičová-Majerská, M.; Řeháček, J.; and Kováčová, E., 1972 a
localization of rickettsiae

Hyalomma excavatum — Feldman-Muhsam, B.; and Borut, S., 1971 a, figs.
copulation

Hyalomma excavatum (Koch, 1844) — Hadani, A.; and Rechav, Y., 1970 a
light, circadian rhythm of detachment, engorged preimaginal stages, host-parasite relationships

Hyalomma excavatum — Heneberg, N.; Heneberg, D.; Milošević, J.; and Dimitijević, V., [1968 a]
as syn. of H. anatolicum Koch, 1884

Hyalomma excavatum — Rechav, Y., 1970 a
attraction, age and sex of gerbils

Hyalomma (H.) franchinii — Oliver, J.H. (jr.), 1972 a
Tonelli-Rondelli
cytotaxonomy, chromosome description

Hyalomma hispanum (Fabr.) 1787 — Pavesi, P., 1880 a, 385
Syn.: Acarus (Ixodes) hispanus Gervais in Walckenaer — Sottoregione mediterranea, Is. Caprere; Barberia

Hyalomma impeltatum — Hoffmann, G.; and Lindau, M., 1971 a
Rind — all from Niger
Schaf
Ziege
Dromedar
Wildboviden
Pferd
Esel
Wildvögel

Hyalomma (H.) impeltatum — Oliver, J.H. (jr.), 1972 a
Schulze and Schlottke
cytotaxonomy, chromosome description

Hyalomma impressum — Hoffmann, G.; and Lindau, M., 1971 a
Rind — all from Niger
Wildboviden
Pferd

Hyalomma inermis — Heneberg, N.; Heneberg, D.; Milošević, J.; and Dimitijević, V., [1968 a]
distribution — Kosovo and Metohija, Jugoslaviji
ovce

Hyalomma (Hyalommina) — Starkoff, O.A., 1972 a
kumari Sharif, 1928 — Central Asia
Capra falconeri heptneri

Hyalomma lusitanicum C. L. Koch 1844 — Pavesi, P., 1880 a, 385
Portogallo

Hyalomma marginatum — Heneberg, N.; Heneberg, D.; Milošević, J.; and Dimitijević, V., [1968 a]
as syn. of H. plumbeum plumbeum Panzer

Hyalomma marginatum — Hoffmann, G.; and Lindau, M., 1971 a
Wildboviden — Niger

Hyalomma marginatum — Tevosov, A. M.; and Annagiev, A. A., 1956 a, 33
[Bos taurus]

Hyalomma marginatum isaaci — Jagannath, M. S.; Alwar, V. S.; and Lalitha, C. M., 1972 a
life cycle

Hyalomma marginatum isaaci — Rangnekar, D. V.; Hiregoudar, L. S.; and Avasthi, B. L., 1971 a
malathion, cattle and buffalo — India

Hyalomma marginatum rufipes Koch — Hamdy, B. H., 1972 a
biochemistry, excretory products

Hyalomma marginatum turanicum — Houshmand-Rad, P.; and Hawa, N. J., 1973 a
sheep — Iraq

Hyalomma otophila — Heneberg, N.; Heneberg, D.; Milošević, J.; and Dimitijević, V., [1968 a]
distribution — Kosovo and Metohija, Jugoslaviji
ovce

Hyalomma plumbeum (Panzer, 1795) — Borgarenko, L. V.; and Mukhammadkulov, M., 1971 a
Oenanthe picata — all from Tadzhikistan
O. xantroprymna

Hyalomma plumbeum — Gladenko, I. N.; et al., 1970 a
Sevin, Dicresil — sheep

Hyalomma plumbeum — Krasnobaeva, Z. N.; Stepanchenok-Rudnik, G. I.; and Grokhovaksia, I. M., 1971 a
homogenates, electrophoresis, taxonomy

Hyalomma plumbeum (Panz.) — Shcherbinina, O. Kh., 1971 a
[Galerida cristata] — all from Turkmenia
[Melanocorypha bimaculata]
[M. calandra]
[Erenophila alpestris]
[Oenanthe oenanthe]
[O. lugens]
[O. picata]
[Anthus campestris]
[A. spinoletta]
[Lanius cristatus]
[Passer montanus]
[Sturnus vulgaris vulgaris]
[Corvus corone cornix]
[Pica pica]
[Parus major]
[Sitta neumayer tephronota]
[Emberiza bruniceps]
[E. cia]
[Motacilla alba]
[Turdus ruficollis]
[Turdus merula]
[Falco tinnunculus]
[Alectoris graeca]
[Columba livia]
[Rhodospiza obsoleta]
[Falco columbarius]

Hyalomma plumbeum impressum — Heneberg, N.; Heneberg, D.; Milošević, J.; and Dimitijević, V., [1968 a]
distribution — all from Kosovo and Metohija, Jugoslaviji
goveda
ovce

Hyalomma plumbeum plumbeum Panzer — Heneberg, N.; Heneberg, D.; Milošević, J.; and Dimitijević, V., [1968 a]
distribution, vector, Crimean hemorrhagic fever
Syns.: H. marginatum; H. savignyi; H. aegyptium; H. rufipes — all from Kosovo and Metohija, Jugoslaviji
ovce
konji
bivoli
goveda

Hyalomma plumbeum plumbeum Panzer
repeated attachment and feeding, reaction of animal skin, immune nature — Musatov, V. A., 1970 a

Hyalomma plumbeum turanicum
Phoenicurus ochruros
Muscicapa striata
Pastor roseus — Mukhammadkulov, M., 1970 a
all from Tadzhikistan

Hyalomma punctata
distribution
goveda
ovce — Heneberg, N.; Heneberg, D.; Miloševič, J.; and Dimitijević, V., [1968 a]
all from Kosovo and Metohija, Jugoslaviji

Hyalomma (Hyalommina) rhipicephaloides Neumann
cytotaxonomy, chromosome description — Oliver, J.H. (jr.), 1972 a

Hyalomma rufipes
feeding, histopathology, skin, rabbits — Arthur, D. R., 1973 b

Hyalomma rufipes
as syn. of H. plumbeum plumbeum Panzer — Heneberg, N.; Heneberg, D.; Miloševič, J.; and Dimitijević, V., [1968 a]

Hyalomma rufipes
Rind
Dromedar
Pferd
Phacochoerus aethiopicus — Hoffmann, G.; and Lindau, M., 1971 a
all from Niger

Hyalomma rufipes
vector of Congo virus, transmission to calves — Lee, V.H.; and Kemp, G.E., 1970 a

Hyalomma rufipes Koch
Oenanthe oenanthe
Motacilla flava — Saikku, P.; Ulmanen, I.; and Brummer-Korvenkontio, M., 1971 a
all from Finland

Hyalomma rufipes
vector, viruses — William, R. W.; Causey, O. R.; and Kemp , G. R., 1972 a
Ibadan, Nigeria

Hyalomma savignyi
as syn. of H. plumbeum plumbeum Panzer — Heneberg, N.; Heneberg, D.; Miloševič, J.; and Dimitijević, V., [1968 a]

Hyalomma savignyi Gerv. (= H. anatolicum)
development, life cycle — Serdíuková, G. V., 1960 a

Hyalomma scupense P. Sch., 1918
changeability, morphological appearance, taxonomic significance — Gusalova, N. G., 1972 a

Hyalomma sulcata
distribution
goveda
ovce — Heneberg, N.; Heneberg, D.; Miloševič, J.; and Dimitijević, V., [1968 a]
all from Kosovo and Metohija, Jugoslaviji

Hyalomma truncatum
Rind
Schaf
Ziege
Dromedar
Wildboviden
Pferd
Phacochoerus aethiopicus — Hoffmann, G.; and Lindau, M., 1971 a
all from Niger

Hyalomma truncatum
vector, sweating sickness, domestic animals — Konnerup, N., 1964 b

Hyalomma truncatum
chlorfenvinphos, cattle — Mohammed, A. N., 1970 a
Nigeria

Hyalomma truncatum
vector, viruses — Williams, R.W.; Causey, O.R.; and Kemp, G. E., 1972 a
Ibadan, Nigeria

Hyalomma yakimovi (= H. dromedarii Koch)
development, life cycle — Serdíuková, G. V., 1960 a

Hyalommina Schulze, 1919
subgen. of Hyalomma
key to Asiatic species, includes: Hyalomma (Hyalommina) kumari; H. (H.) hussaini; H. (H.) brevipunctata — Starkoff, O. A., 1972 a

Hyperlaelaps amphibius Zachv.
Arvicola terrestris — Igolkin, N. I., 1960 a
Ob River shore

Hyperlaelaps arvalis Zachvatkin, 1948
population density on Microtus arvalis, seasonal dynamics — Antonenko, V. V., 1970 a

Hyperlaelaps arvalis Zachv.
Microtus oeconomus
Clethrionomys — Igolkin, N. I., 1960 a
all from Ob River shore

Hyperlaelaps arvalis
Clethrionomys glareolus
Microtus agrestis
Microtus arvalis rufescentefuscus
Microtus nivalis — Mahnert, V., 1971 a
all from the Tirol, Austria

Hyperlaelaps microti
Sorex araneus
Lemmus lemmus
Clethrionomys rutilus
C. glareolus
Microtus agrestis
M. oeconomus
Apodemus sylvaticus — Edler, A.; and Mehl, R., 1972 a
all from Norway

Hypoaspis sp.
Mus musculus
Apodemus sylvaticus
Cricetulus migratorius
Meriones erythrourus
Rhombomys opimus
Rattus turkestanicus
Ellobius talpinus
Microtus carruthersi
M. afghanus
Spermophilus leptodactylus
Meriones meridianus — Davydov, G.S.; and Morozova, I.V., 1970 a
all from Tadzhikistan

Hypoaspis sp.
[Meriones meridianus]
[Apodemus sylvaticus]
[Cricetulus migratorius]
[Microtus carruthersi]
[M. afghanus] — Davydov, G.S.; and Morozova, I.V., [1971 a]
all from western Tadzhikistan

Hypoaspis [sp.] near H. vacua (Michael), 1891
Apodemus mysticanus — Garrett, D. A.; and Allred, D. M., 1971 a, 295
Gumuldur, Turkey

Hypoaspis sp.
Arvicanthis niloticis — Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a
East cantonment, South Ghana

Hypoaspis sp.
Lagurus luteus — Senotrusova, V. N.; and Shubin, I. G., 1969 a
Zaisansky Hollow

Hypoaspis gracilis Mel., 1963
Mus musculus
Rattus turkestanicus
Ellobius talpinus
Meriones erythrourus — Davydov, G.S.; and Morozova, I.V., 1970 a
all from Tadzhikistan

Hypoaspis heselhausi — Mahnert, V., 1971 a
Clethrionomys glareolus — the Tirol, Austria

Hypoaspis lubrica — Allred, D. M., 1970 d
Perognathus parvus — near Idaho Falls, Idaho

Hypoaspis miles — Garrett, D. A.; and Allred, D. M., 1971 a, 294-295, 298
key
Microtus — Bornova, Turkey

Hypoaspis murinus Strandtm. et Menz., 1948 — Davydov, G.S.; and Morozova, I.V., 1970 a
Mus musculus
Apodemus sylvaticus
Microtus afghanus
Meriones erythrourus
Rattus turkestanicus
all from Tadzhikistan

Hypoaspis murinus — Senotrusova, V. N.; and Shubin, I. G., 1969 a
Lagurus luteus — Zaisansky Hollow

Hypoaspis sardoa — Edler, A.; and Mehl, R., 1972 a
Clethrionomys glareolus — Norway

Hypoaspis setosus Mel., 1963 — Davydov, G.S.; and Morozova, I.V., 1970 a
Meriones erythrourus
Rattus turkestanicus
Tadzhikistan, all from

Hypoaspis (Haemolaelaps) tateronis [i.e. tatorae] Zum. & Patterson, 1951 — Zumpt, F. K. E.; and Elliott, G., 1970 a
as syn. of Androlaelaps tateronis (Radford)

Hypodectes (H.) nycticoracis Filippi, 1861 — Pence, D. B., 1972 h
Ixobrychus exilis
Florida caerulea
Nycticorax nycticorax
all from Louisiana

Hypodectes (Hypodectoides) propus bubulci Fain, 1967 — Pence, D. B., 1972 h
Syn.: H. (H.) propus similimus Černý, 1969
Dichromonassa rufescens
Ardea h. herodius
Florida caerulea
Bubulcus ibis
Leucophoyx thula
all from Louisiana

Hypodectes propus propus (Nitzsch, 1961 [i.e. 1861]) — Černý, V., 1970 a
Streptopelia d. decaocto — Olomouc, ČSSR

Hypodectes (Hypodectoides) propus similimus Černý, 1969 — Pence, D. B., 1972 h
as syn. of H. (H.) propus bubulci Fain, 1967

Hypodectidae (Fain and Bafort, 1966) — Brown, N. S., 1971 a
Columba livia — Boston

Hypoderma. [See also Warble fly]

Hypoderma — Bouvier, G., 1962 b
Ruelene, Neguvon, cattle

[Hypoderma] varron du bétail — Bouvier, G., 1964 a
Ruelene

Hypoderma — Bouvier, G., 1971 a
phosphoresters, past 50 years — Switzerland

Hypoderma — Doby, J. M.; Helou, J. Y.; Rault, B.; and Coutel, Y., 1972 a
diagnosed by immunodiffusion
child (central nervous system) — Ille-et-Vilaine, Bretagne

[Hypoderma] — Furmaga, S.; Pinkiewicz, E.; Rubaj, B.; and Uchacz, S., 1971 a
Neguvon, cattle

Hypoderma — Gladenko, I. N.; and Stuk, L. I., 1972 a
cattle, Trolene, toxicity

Hypoderma — Hascoet, M., 1971 a
organo-phosphates, residues in milk products

Hypoderm[a] — Jolivet, G., 1971 a
prevention, control, bovine

Hypoderma — Kumichkin, G. I., 1969 a
cattle, degree of infestation, method of examination

Hypoderma — Leinati, L.; Oberosler, R.; and Beber, L., [1972 a]
bovine, biological control, mountain pastures

[Hypoderma] — Miller, J. P., 1971 a
insecticides, cattle

Hypoderma — Nemeséri, L., 1973 a
trichlorphone, cattle

[Hypoderma] cattle grubs — Scharff, D. K., 1973 a
crufomate, horses

Hypoderma — Somov, S. A.; and Bannov, A. T., 1971 a
hypodermin-chlorophos, cattle, apparatus for application

Hypoderma Latreille — Wetzel, H., 1972 a
Hypodermatini, key

Hypoderma — Worden, A. N., 1972 a
di-n-butyl tin dilaurate, cattle, ineffective

Hypoderma spp. — Drummond, R. O.; Darrow, D. I.; and Gladney, W. J., 1971 a
cattle, CIBA C-9491, CIBA C-11044, Hercules 18009

Hypoderma sp. — Drummond, R. O.; and Gingrich, R. E., 1972 a
cattle, dips, detection of systemic activity

Hypoderma bovis — Beesley, W. N., 1970 a
larvae, serological reactions, rabbits, calves, guinea-pigs

Hypoderma bovis De Geer — Beesley, W. N.; and Breev, K. A., 1969 a
implanted larvae and injected larval extracts in guinea pigs, serological reactions, cross-reactions with Oedemagena tarandi

Hypoderma bovis de Geer — Belinskaia, V. Z.; Tret'iakov, A. V.; and Ianushka, A. L., 1971 a
1st instar larvae, toxin, protease

Hypoderma bovis (De Geer) — Boulard, C., 1967 a, pls.
post-embryonic development, gonads

Hypoderma bovis larvae — Boulard, C., 1969 a, figs.
morphology, histology, digestive tube

Hypoderma bovis — Breev, K. A., 1971 a
control, review

Hypoderma bovis — Čepelák, J., 1971 a, fig.
key

Hypoderma bovis De Geer — Dorzh, Ts., 1966 c
yaks — Mongolian Peoples Republic

Hypoderma bovis De Geer — Dorzh, Ts.; and Minarzh, Ia., 1971 a
incidence, ecology, seasonal dynamics, phenology
Bos taurus
Bos gruniens
all from Mongolian People's Republic

Hypoderma bovis
child, anterior chamber of eye, case report, clinical review
Godde-Jolly, D.; Brumpt, L.C.; and Stofft, P., 1962 b
France

Hypoderma bovis
child, eye, case report, clinical review
Hervouet, F.; Ballard[2]; Donnot; and Lenoir, A., 1962 a
France

Hypoderma bovis
hypodermin-chlorophos, cattle
Kamarli, A. P.; et al., 1971 a

Hypoderma bovis
spinal paralysis, cattle
Keller, H.; and Teuscher, E., 1965 a

Hypoderma bovis
crotoxyphos, daily applications, lactating dairy cows
Knapp, F. W., 1972 a

Hypoderma bovis (L.)
Prolate, cattle, late summer dust-bag application
Lloyd, J. E., 1971 a
Wyoming

Hypoderma bovis
cattle, Imidan compared with 3 other compounds
Loomis, E. C.; Crenshaw, G. L.; and Dunning, L. L., 1972 a
California

Hypoderma bovis
menichlopholan, cattle
Magat, A.; and Faure, N., 1970 a

Hypoderma bovis
myiasis, eye orbit, human, turpentine
Mathur, S.P.[2]; and Makhija, J.M., 1967 a
Udaipur, India

Hypoderma bovis
migrating larvae, vertebral canal of heifer
Meyer, L., 1973 a

Hypoderma bovis
economic loss, cattle
Mielke, D., 1970 a
Frankfurt/Oder

Hypoderma bovis
hypocid, pasture control
Minář, J.; Musil, J.; Tesařík, L.; and Zbořil, V., 1970 a
Šumava region

Hypoderma bovis
cow
goat
Minář, J.; and Povolný, D., 1971 a
all from Jalalabad

Hypoderma bovis
tracheal system, larvae
Murray, V. I. E., 1971 a

Hypoderma bovis
haemocytes, description and classification
Murray, V. I. E., 1972 a, figs

Hypoderma bovis
electrophoresis, proteins, host's serum
Nogge, G., 1971 a

Hypoderma bovis
temperature variation in larvae
Nogge, G., 1973 a

Hypoderma bovis (de Geer, 1776)
latter stage larvae antigens compared with Przhevalskaina aegagri, Gasterophilus intestinalis
Rault, B.; Hadani, A.; and Rosin, G., 1971 a

Hypoderma bovis
Ruelene 12R, cattle
Scharff, D. K.; McGregor, W. S.; and Ludwig, P. D., 1972 a

Hypoderma bovis
Neguvon, oral
Stoenescu, A.; Cefranov, N.; Mînăscurta, C.; and Wechsler, A., 1961 a

Hypoderma bovis
cattle, seasonal dynamics
Syromiatnikov, N. A., 1970 a
Odoevsk region, Tul'sk oblast

Hypoderma bovis
cattle grubs
Tuskey, H. J., 1961 a, figs. 1-2, 7
Ontario

Hypoderma bovis
3rd stage larva, ocular invasion, child
Villas-Boas e Alvim, A., 1963 a, fig.
Portugal

Hypoderma bovis
Neguvon, cattle
Walkowiak, E.; Aleksandrowska, I.; Wityk, A.; and Watychowicz, I., 1972 a

Hypoderma bovis
cattle, comparison, Hypodermix lick (medicated brick) with Soldep (pour-on)
Willomitzer, J.; and Kursa, J., 1972 a
Czechoslovakia

Hypoderma capreola Rubtz.
+Capreolus c. pygargus
Dorzh, S., 1966 c
Mongolian Peoples Republic

Hypoderma diana
key
Čepelák, J., 1971 a, fig.

Hypoderma lineatum
larvae, serological reactions, rabbits, calves, guinea-pigs
Beesley, W. N., 1970 a

Hypoderma lineatum (De Villers)
post-embryonic development, gonads
Boulard, C., 1967 a, pls.

Hypoderma lineatum
control, review
Breev, K. A., 1971 a

Hypoderma lineatum
key
Čepelák, J., 1971 a

Hypoderma lineatum (de Villers)
intake P^{32}-labeled phosphate, 1st-stage larvae, integumental absorption; 2nd-stage larvae, percutaneous and oral routes; 3rd-stage larvae, oral route, in vitro
Chamberlain, W.F.; Barrett, C. C.; and Graham, O. H., 1969 a

Hypoderma lineatum
Bos grunniens (back)
Chaudhuri, R. P., 1970 b, fig.
Bhutan

Hypoderma lineatum (de Villers)
cattle, recommended treatment date, based on fly-free date, calf weight gain
Collins, R.C.; and Dewhirst, L.W., 1971 a

Hypoderma lineatum
not found on goats, similarities with Przhevalskiana aegagri
Cwilich, R.; and Shimshoni, A., 1965 b, fig. 1a-c

Hypoderma lineatum (De Villers)
incidence, ecology, seasonal dynamics, phenology
Bos taurus
Dorzh, Ts.; and Minarzh, Ia., 1971 a
Mongolian People's Republic

Hypoderma lineatum
control with dust bag application of insecticides, cattle
Hayes, B.W.; Janes, M.J.; and Beardsley, D.W., 1972 a

Hypoderma lineatum
hypodermin-chlorophos, cattle
Kamarli, A. P.; et al., 1971 a

Hypoderma lineatum (de Vill)
Crufomate, cattle
Khan, M. A., 1973 a

Hypoderma lineatum
crotoxyphos, daily applications, lactating dairy cows
Knapp, F. W., 1972 a

Hypoderma lineatum (de Villers)
Prolate, cattle, late summer dust-bag application
Lloyd, J. E., 1971 a
Wyoming

Hypoderma lineatum
cattle, Imidan compared with 3 other compounds
Loomis, E. C.; Crenshaw, G. L.; and Dunning, L. L., 1972 a
California

Hypoderma lineatum — Magat, A.; and Faure, N., 1970 a
menichlopholan, cattle

Hypoderma lineatum — Murray, V. I. E., 1971 a
tracheal system, larvae

Hypoderma lineatum — Murray, V.I.E., 1972 a, figs.
haemocytes, description and classification

Hypoderma lineatum (de Vill.) — Nelson, W.A.; and Weintraub, J., 1972 a, figs.
mode of entry, larvae, host skin, possible barrier

Hypoderma lineatum — Scharff, D. K.; McGregor, W. S.; and Ludwig, P. D., 1972 a
Ruelene 12R, cattle

Hypoderma lineatum — Sharma, R. M.; and Chhabra, R. C., 1965 a
therapeutic control

Hypoderma lineatum — Syromiatnikov, N. A., 1970 a
cattle, seasonal dynamics — Odoevsk region, Tul'sk oblast

Hypoderma lineatum — Tuskey, H. J., 1961 a, figs. 3-6, 7
cattle grubs — Ontario

Hypodermatidae — Herms, W. B., 1944 a
description

Hypodermatini (Grunin 1965) — Wetzel, H., 1972 a
key to third stage larvae
includes: Pavlovskiata Grunin; Strobiloestrus Brauer; Pallasiomyia Rubtzow; Oedemagena Latreille; Hypoderma Latreille; Przhevalskiana Grunin

Hystrichopsylla dippiei ssp. — Benton, A. H.; Larson, O. R.; and Van Huizen, B. A., 1971 a
Tamias striatus — all from Itasca State Park region, Minnesota
Eutamias minimus

Hystrichopsylla microti Scalon, 1950 — Okuntsova, E. V.; Savitskiĭ, B. P.; and Voronov, G. A., 1970 a
Clethrionomys rutilus — all from Northern Sakhalin
C. rufocanus
Sorex unguiculatus

Hystrichopsylla (Hystrocer-as) microti Skalon — Skuratovicz, W., 1972 a, fig.

Hystrichopsylla occidentalis — Allred, D. M., 1968 a
Peromyscus maniculatus — National Reactor Testing Station, Idaho

Hystrichopsylla satunini — Alaniia, I. I.; Dzneladze, M. T.; Rostigaev, B. A.; and Shiranovich, P. I., 1971 a
Rattus norvegicus — all from Adjarian ASSR
Apodemus (Sylvimus) mystacinus
Microtus (Pitymys) major
Apodemus (Sylvimus) sylvaticus

Hystrichopsylla tahavuana Jordan — Holland, G.P.; and Benton, A. H., 1968 a
Parascalops breweri — Pennsylvania

Hystrichopsylla tahavuana Jordan — Quackenbush, R. E., 1971 a
Microtus pennsylvanicus — Grout Pond, Windham County, Vermont

Hystrichopsylla talpae — Alaniia, I. I.; Dzneladze, M. T.; Rostigaev, B. A.; and Shiranovich, P. I., 1971 a
Rattus norvegicus — all from Adjarian ASSR
Microtus (Chionomus) nivalis
Microtus arvalis
M. major
Apodemus (Sylvimus) sylvaticus

Hystrichopsylla talpae ssp. — Mahnert, V., 1972 a
infectivity, altitude, seasonal distribution — all from Tirol, Austria
Microtus agrestis
Apodemus flavicollis

Hystrichopsylla talpae — Peus, F., 1970 a
Talpa europaea — all from Germany
Sorex araneus
Neomys fodiens
Crocidura russula
Clethrionomys glareolus
Microtus agrestis
M. arvalis
M. oeconomus
Arvicola terrestris
Apodemus flavicollis
A. sylvaticus

Hystrichopsylla talpae (Curtis) — Pinchuk, L. M., 1968 a
Sorex araneus — all from Moldavia
Neomys anomalus

Hystrichopsylla talpae orientalis Smit — Skuratovicz, W., 1972 a, figs.
geographic distribution, female genital organ structure, valid subspecies — Poland

Hystrichopsylla t. talpae (Curtis) — Bishop, I. R., 1972 a
Apodemus sylvaticus — all from Channel Islands
Microtus arvalis sarnius
Clethrionomys glareolus caesarius

Hystrichopsylla talpae talpae (Curtis) — Fairley, J. W., 1970 a
Apodemus sylvaticus — Ireland

Hystrichopsylla talpae talpae — Mahnert, V., 1972 a
infectivity, altitude, seasonal distribution — all from Tirol, Austria
Sorex araneus
Microtus agrestis
Apodemus sp.
A. sylvaticus
A. flavicollis

Hystrichopsylla talpae talpae (Curtis) — Roberts, C. J., 1972 a

Microtus agrestis	Lancashire, Isle of Mull, Great Britain
Apodemus sylvaticus	Lancashire, Great Britain
Clethrionomys glareolus	" "
Sorex araneus	" "
Talpa europaea	Derbyshire, Great Britain
Neomys fodiens	Lancashire, Great Britain

Hystrichopsylla talpae talpae (Curtis) — Skuratovicz, W., 1972 a, figs.
geographic distribution, female genital organ structure, valid subspecies — Poland

Hystrichopsylla talpae talpae x talpae orientalis — Mahnert, V., 1972 a
infectivity, altitude, seasonal distribution — Tirol, Austria
Pitymys subterraneus

Hystrichopsyllidae — Traub, R.; and Evans, T. M., 1967 b
zoogeography, morphology, phylogeny

Ibidoecus clayae n. sp.
Cercibis oxycerca "ibis"
Kumar, P., 1966 a, 391-392, 393, 394-398, figs. 1-6
North Lethem, Rupununi, British Guiana

Ichoronyssus flavus (Kolenati, 1856)
Vespertilio pipistrellus
Davydov, G.S.; and Morozova, I.V., 1970 a
Tadzhikistan

Ichoronyssus flavus
Nyctalus noctula
Mahnert, V., 1971 a
the Tirol, Austria

Ichoronyssus scutatus (Kolenati, 1856)
Rhinolophus euryale
Beron, P., 1971 a
France

Icosta Speiser, 1905
as syn. of Lynchia Weyenberg, 1881
Vanschuytbroeck, R., 1968 a, 10

Impexus n. g.
key
Lernaeoceridae
Kabata, Z., 1972 a, 321-322
mt : I. hamondi n. sp.

Impexus
Lernaeoceridae, key
Kabata, Z., 1972 a

Impexus hamondi n. g., n. sp. (mt)
Parvicrepis parvipinnis (visceral cavity)
Kabata, Z., 1972 a, 317-322, figs. 1-5
Long Reef, Collaroy (north of Sydney), New South Wales

Incidifrons pertusus (Burm.)
Colymbus cristatus
Shcherbinina, O. Kh., 1969 a
Turkmenia

Insecta
handbook on parasitic insects
Askew, R. R., 1971 a

Insecta
digestion, review
Dadd, R. H., 1970 b

Insecta
growth, development, metabolism, review
L'Hélias, C., 1970 a

Intertrombidium n. subg.
Leptotrombidium
Vercammen-Grandjean, P. H.; and Langston, R. L., 1971 a, 445, 446-447
tod of subgen.: Leptotrombidium (I.) angustatum Feider, 1968

Ioannela n. g.
Acarina: Myobiidae
Dusbábek, F.; and Lukoschus, F. S., 1973 a, 108-109
tod: I. martae n. sp.

Ioannela martae n. g., n. sp. (tod)
Mimon cremulatum
Dusbábek, F.; and Lukoschus, F. S., 1973 a, 108-113, figs. 1-4
Weg n. Zee, Surinam

Irodes Wilson, 1911
"should be abandoned and its species transferred to other taeniacanthid genera"
Ho, J. S., 1969 a

Irodes lagocephali Pillai, 1963
as syn. of Taeniacanthus lagocephali Pearse, 1952
Ho, J. S., 1969 a

Ischnocera
nomenclature
Złotorzycka, J., 1966 b
Poland

Ischnolaelaps tateronis Radford, 1939
as syn. of Androlaelaps tateronis (Radford)
Zumpt, F. K. E.; and Elliott, G., 1970 a

Ischnopsyllus caminae C. Roths., 1903
as syn. of Porribius caminae (C. Roths., 1903) n. comb. (tod)
Jordan, K., 1946 b

Ischnopsyllus (Ischnopsyllus) intermedius Rothschild, 1898
Pipistrellus pipistrellus
Sixl, W.; Daniel, M.; and Černý, V., 1972 a
Österreich

Ischnopsyllus octactenus (Kolenati)
Pipistrellus pipistrellus
Fairley, J. W., 1970 a
Ireland

Ischnopsyllus plumatus sp. n.
Myotis myotis
Eptesicus serotinus
Ioff, I.G., 1949 a, 101-102, fig. 63
Kazakh SSR
Turkmen

Ischyropoda sp.
Dipodomys ordii
Eutamias minimus
Neotoma cinerea
Onychomys leucogaster
Perognathus parvus
Peromyscus maniculatus
Sorex merriami
Spermophilus townsendii
Allred, D. M., 1970 d
all from near Idaho Falls, Idaho

Ischyropoda armatus
Crotalus virdis
Dipodomys ordii
Lepus californicus
Microtus montanus
Onychomys leucogaster
Perognathus parvus
Peromyscus maniculatus
Sorex merriami
Thomomys talpoides
Allred, D. M., 1970 d
all from near Idaho Falls, Idaho

Ischyropoda furmani
Dipodomys ordii
Onychomys leucogaster
Perognathus parvus
Peromyscus maniculatus
Allred, D. M., 1970 d
all from near Idaho Falls, Idaho

Isopoda [spp.]
pelagic fishes, seasonal distribution
Lepidocybium flavobrunneum
Xiphias gladius
Maksimov, V. P., 1970 a
all from Atlantic ocean

Isothricola g. n.
Atopomelidae
Fain, A., 1970 c, 288
tod: I. appendiculata sp. n.

Isothricola amazonica sp. n.
Isothrix villosus
Fain, A., 1970 c, 289
Haut-Amazone

Isothricola appendiculata gen. n., sp. n. (tod)
Isothrix villosus
Fain, A., 1970 c, 288
Haut-Amazone

Isothricola boliviana sp. n.
Proechimys sp.
Fain, A., 1970 c, 289
Gorgona Is. Bolivie

Isothricola myocastor sp. n.
Myocastor coypus
Fain, A., 1970 c, 289
Amérique du Sud

Ixobioides butantanensis Fonseca, 1934
Carollia sp.
Fain, A.; and Yunker, C. E., 1972 a
Barinas, Venezuela

Ixodes
structural and biological differences between Ixodes and other genera in Ixodidae, female reproductive system
Roshdy, M. A. A., 1969 a

Ixodes
infra-internal bristles of palps, morphology, location, number
Senevet, G., 1970 a

Ixodes sp.
Turdus m. merula
Baum, H., 1968 a

Ixodes sp.
Soriculus nigrescens subsp.
Hoogstraal, H., 1971 c
Nepal

Ixodes sp. near tamuki
Mustela
Hoogstraal, H., 1971 c
Nepal

Ixodes sp.
possible vector, Powassan virus, field survey, small mammals
McLean, D. M.; et al., 1962 a
northern Ontario, Canada

Ixodes sp. (? I. tovari)
Odocoileus virginianus
Samuel, W. M.; and Trainer, D. O., 1970 a
Welder Refuge, south Texas

Ixodes acutitarsus
human
domestic sheep
Hoogstraal, H., 1971 c
all from Nepal

Ixodes aegyptius Savigny et Audouin
as syn. of Hyalomma aegyptium (Linné) 1767
Pavesi, P., 1880 a, 384

Ixodes affinis
Odocoileus virginianus
Kellogg, F. E.; Kistner, T. P.; Strickland, R. K.; and Gerrish, R. R., 1971 a
Georgia; South Carolina

Ixodes albignaci Uilenberg and Hoogstraal
morphology
Microgale talazaci
Oryzorictes talpoides
Uilenberg, G.; Clifford, C. M.; and Hoogstraal, H., 1970 a, figs.
Diego-Suarez Province and Majunga Province; Moramanga, Tamatave
Moramanga, Tamatave

Ixodes angustus
Peromyscus maniculatus
P. truei
Douglas, C. L., 1969 a, 493
all from Mesa Verde National Park, Colorado

Ixodes angustus
exper. transmission of Theileriidae Strain MO-U
Microtus oeconomus
Clethrionomys rutilus
Lemmus sibiricus
Tamiasciurus hudsonicus
Sorex sp.
Ochotona collaris
Microtus sp.
Sorex obscurus
domestic dog
Peromyscus maniculatus
man (clothing)
Fay, F. H.; and Rausch, R. L., 1969 a
from vole to vole
all from Alaska

Ixodes angustus
Tamiasciurus hudsonicus
Mahrt, J.L.; and Chai, S.J., 1972 a
Alberta, Canada

Ixodes angustus Neumann
Microtus oeconomus
Rausch, R. L.; Huntley, B.E.; and Bridgens, J. G., 1969 a
Alaska

Ixodes angustus Neum.
incidence, population density
Volkov, V. I.; and Chernykh, P. A., 1971 a
Khabarovsk region

Ixodes apronophorus P. Sch. (1924)
tularemia vector, mass collections, water vole nests, storage
Ivanov, D. I., 1971 a

Ixodes apronophorus
development, life cycle
Serdiukova, G. V., 1960 a

Ixodes apronophorus P. Schulze 1924
Sorex araneus
Microtus arvalis
Sixl, W.; Dostal, V.; Schmeller, E.; and Riedl, H., 1969 a
all from Steiermark

Ixodes apronophorus P. Sch.
distribution
Ul'ianova, N. I.; et al., 1969 a
Leningrad region

Ixodes arboricola Schulze and Schlottke
Parus major
Saikku, P.; Ulmanen, I.; and Brummer-Korvenkontio, M., 1971 a
Finland

Ixodes arboricola Schulze & Schlottke 1929
Sitta europaea
Dendrocopus major
Ficedula albicollis
Parus major
P. montanus
Sturnus vulgaris
+Upupa epops (nest)
Sixl, W.; Dostal, V.; Schmeller, E.; and Riedl, H., 1969 a
all from Steiermark

Ixodes arboricola Schulze et Schlottke, 1929
Passer sp.
Teng, K.-F., 1973 a
China

Ixodes auritulus Neumann, 1904
taxonomic status
Coenocorypha aucklandica
Dumbleton, L. J., 1973 a
Ewing Island (Auckland Island), New Zealand

Ixodes auritulus zealandicus
taxonomic status
Dumbleton, L. J., 1973 a
New Zealand

Ixodes brunneus
ecology, wild birds, rabbits
Sonenshine, D. E.; and Stout, I. J., 1970 a
Virginia-North Carolina Piedmont

Ixodes brunneus Koch
Turdus migratorius
Wilson, N. A.; and Kale II, H. W., 1972 a
Indian River County, Florida

Ixodes caledonicus Nuttall
Syn.: I. sculpturatus Schulze
Kohls, G. M.; Clifford, C. M. (jr.); and Hoogstraal, H., 1970 a, 351

Ixodes candavius Černy & Rosicky, 1960
as syn. of I. gibbosus Nuttall 1916
Saratsiotis, A., 1970 a

Ixodes canisuga (Johnson 1849)
life cycle, study under laboratory conditions
Smith, M. W., 1972 b, fig.

Ixodes canisuga Johnston, 1849
Marmota bobak
Vulpes vulpes
Meles meles
Citellus undulatus
Passer sp.
Teng, K.-F., 1973 a
all from China

Ixodes ceylonensis
Macaca radiata
Rajagopalan, P. K.; and Anderson, C. R., 1971 a
Shimoga District, India

Ixodes cookei Packard
seasonal distribution, life cycle in laboratory
Marmota monax
Ko, R. C., 1972 a, figs.
Wellington and Halton counties, Ontario

Ixodes cookei
vector of Ackertia marmotae in Marmota monax
Ko, R. C., 1972 b

Ixodes cookei Packard 1869
description, larva
Marmota monax
Ko, R. C., 1973 a, figs.
southern Ontario

Ixodes cookei
from animals or material imported into United States
Koutz, F. R., 1966 b

Ixodes cookei
possible vector Powassan virus, field survey, small mammals
McLean, D. M.; et al., 1962 a
northern Ontario, Canada

Ixodes cookei Packard
form, function and interrelationships of fat body, associated tissues
Obenchain, F. D.; and Oliver, J. H. (jr.), 1973 a

Ixodes cookei
host-parasite relationships, seasonal activity
Procyon lotor
Mephitis mephitis
Didelphis marsupialis
Vulpes fulva
Urocyon cinereo argenteus
Sonenshine, D. E.; and Stout, I. J., 1971 a
Newport News and Montpelier, Virginia
Montpelier, Virginia
" "
" "
" "

Ixodes cookei
Marmota monax
Whitaker, J. O. (jr.); and Schmeltz, L. L., 1971 b
Indiana

Ixodes cookei Packard
Spilogale putorius
Wilson, N. A.; and Kale II, H. W., 1972 a
Indian River County, Florida

Ixodes crenulatus C. L. Koch
Passer domesticus
Borgarenko, L. V.; and Mukhammadkulov, M., 1971 a
Tadzhikistan

Ixodes crenulatus
Dendrocopos buccotos
Lanius cristatus
Petronia petronia
Acridotheres tristis
Mukhammadkulov, M., 1970 a
all from Tadzhikistan

Ixodes crenulatus
Vulpes corsac
Mustela eversmanni
Meles meles
Tarasevich, L.N.; Tagil'tsev, A. A.; and Mal'kov, G. B., 1969 a
all from Omsk region, USSR

Ixodes dentatus
robin
Good, N. E., 1972 a
Suffolk County, New York

Ixodes dentatus
ecology, wild birds, rabbits
Sonenshine, D. E.; and Stout, I. J., 1970 a
Virginia-North Carolina Piedmont

Ixodes dentatus
Sylvilagus floridanus mallurus
Stringer, R. P.; Harkema, R.; and Miller, G. C., 1969 a
North Carolina

Ixodes didelphidis
Didelphis sp.
Ribeiro, S. S.; and Zeni Júnior, J., 1962 a
Curitiba, Brazil

Ixodes eadsi Kohls & Clifford
Liomys irroratus texensis
Eads, R. B.; Treviño, H. A.; and Campos, E. G., 1965 a
Cameron County, Texas

Ixodes gibbosus
description, larva and nymph
Černy, V.; and Tovornik, D., 1972 a, figs.

Ixodes gibbosus Nuttall 1916
Saratsiotis, A., 1970 a, figs.
morphology, life cycle, ecology, role in tick paralysis
Syns.: I. ricinus gibbosus Nuttall, 1916; I. hexagonus dardanicus Schulze, 1919; I. ricinus atypicus Micačic, 1949; I. candavius Černy & Rosicky, 1960; I. hexagonus (non Leach, 1815): Oswald, 1938 et Oswald, 1939 (p.p. sur bétail); I. ricinus (non Linné, 1758): Neumann 1901 (p.p.: Rhodes); et al.
chèvre — Chypre; Grèce
cheval — Grèce
mouton — "
vache, boeuf — "

Ixodes gibbosus Nuttall, 1916
seasonal distribution, temperature, humidity, arrival
sheep
Tovornik, D.; and Černy, V., 1972 a
island of Brač, Yugoslavia

Ixodes hexagonus
Oryctolagus cuniculus
Mead Briggs, A. R.; and Hughes, A. M., 1966 a
Great Britain

Ixodes hexagonus (non Leach, 1815 : Oswald, 1938 et Oswald, 1939 (p.p. sur bétail)
as syn. of I. gibbosus Nuttall 1916
Saratsiotis, A., 1970 a

Ixodes hexagonus Leach 1815
Erinaceus europaeus
Sixl, W.; Dostal, V.; Schmeller, E.; and Riedl, H., 1969 a
Steiermark

Ixodes hexagonus dardanicus Schulze, 1919
as syn. of I. gibbosus Nuttall 1916
Saratsiotis, A., 1970 a

Ixodes himalayensis sp.n.
Mus musculus
Rattus rattoides
shrew, probably Suncus murinus
Dhanda, V.; and Kulkarni, S. M., 1969 b, 667-672, figs. 1-16
all from Himachal Pradesh, India

Ixodes (Ixodes) hyatti n. sp.
Ochotona roylei wardi
O. roylei roylei
Clifford, C. M.; Hoogstraal, H.; and Kohls, G. M., 1971 a, 430-434, figs. 1-12
Nepal; West Pakistan
Nepal

Ixodes japonensis
Tsuihiji, G., 1971 a, figs.
Mt. Akagi, Japan

Ixodes (Exopalpiger) jonesae n. sp.
Thomasomys laniger
Oryzomys minutus
Kohls, G. M.; Sonenshine, D. E.; and Clifford, C. M., 1969 a, 447-452, figs. 1-14
all from Merida, Venezuela

Ixodes kingi
ectoparasite consortism, mammals
Allred, D. M., 1971 a
National Reactor Testing Station, Idaho

Ixodes kingi
survival at low temperatures
Elzinga, R. J.; and Rees, D. M., 1964 a

Ixodes kingi
ecology, infestation rates compared, deer and harvest mice
Elzinga, R. J.; and Rees, D. M., 1964 b

Ixodes kingi Bishopp
geographic distribution, tick size variation
Gregson, J. D., 1971 b, figs.
southern Alberta and British Columbia and western United States

Ixodes kingi
morphology, respiratory apparatus, scanning electron microscopy
Woolley, T. A., 1972 a, fig.

Ixodes laguri
[Citellus pygmaeus]
[Cricetus cricetus]
Davidovich, V. F., 1971 a
all from Saratov region

Ixodes leporis-palustris Packard, 1869
as syn. of Haemaphysalis leporispalustris (Packard)
Kohls, G. M., 1969 c, 133

Ixodes lividus Koch 1844
+Riparia riparia (nest)
Sixl, W.; Dostal, V.; Schmeller, E.; and Riedl, H., 1969 a
Steiermark

Ixodes lividus
Uchikawa, K., 1970 a
Nagano Prefecture

Ixodes marxi
Sciurus carolinensis
Parker, R. C.; and Holliman, R. B., 1972 a
Virginia

Ixodes maslovi
incidence, population density
Volkov, V. I.; and Chernykh, P. A., 1971 a
Khabarovsk region

Ixodes minor Neumann — Wilson, N. A.; and Kale II, H. W., 1972 a
- Peromyscus gossypinus
- Sigmodon hispidus
- Oryzomys palustris
- Neotoma floridana

all from Indian River County, Florida

Ixodes (Scaphixodes) mitchelli n. sp. — Kohls, G. M.; Clifford, C. M. (jr.); and Hoogstraal, H., 1970 a, 348-352, figs. 1-10
- Lophorus impejanus
- Lerwa lerwa
- +Carpodacus erythrinus (nest)

all from near Gosainkund Pass and Lake, Nuwakot and Rindu Districts, Nepal

Ixodes muris — Good, N. E., 1972 a
- Colinus virginianus
- Philohela minor
- Scolopax rusticola
- Agelaius phoeniceus
- Melospiza melodia
- Passerina cyanea
- eastern cottontail
- catbird
- brown thrasher
- robin

all from Suffolk County, New York

Ixodes muris — Whitaker, J. O. (jr.); and Schmeltz, L. L., 1973 a
- Sorex palustris

St. Louis County, Minnesota

Ixodes nesomys sp. n. — Uilenberg, G.; and Hoogstraal, H., 1969 c, 97-100, figs. 1-9
- Nesomys sp.

Massif du Tsaratanana, Madagascar

Ixodes nipponensis — Arthur, D.R.; and Snow, K. R., 1972 a, figs.
- scutum, larvae, stereoscan studies

Ixodes (Ixodes) nuttalli-anus Schulze — Clifford, C. M.; Keirans, J. E.; and Hoogstraal, H., 1971 a, figs.
- female redescription, male description
- Capricornis sumatraensis thar — Nepal
- Muntiacus muntjak subsp. — Nepal
- goat, domestic — "
- dog, domestic — "
- zhum, domestic (yak-cow hybrid) — Nepal; Tibet, China
- Naemorhedus goral subsp. — Nepal
- cow, domestic — "

Ixodes ochotonae — Woolley, T. A., 1972 a, fig.
- morphology, respiratory apparatus, scanning electron microscopy

Ixodes ochotonarius sp. nov. — Teng, K.-F., 1973 a, 73, 77-79, 81, figs. 20-3?
- Ochotona thibetana — Szechuan Province, China

Ixodes ovatus Neumann — Hoogstraal, H., 1971 c
- domestic sheep
- domestic cattle
- human
- Alticola roylei subsp.
- Rattus f. fulvescens
- Soriculus nigrescens
- Mus musculus urbanus

all from Nepal

Ixodes (Ixodes) ovatus Neumann — Saito, Y.; and Hoogstraal, H., 1972 a
- dog

Yaku Shima, Japan

Ixodes pacificus — Dickie, A. G., 1971 a
- control develcpments

Oregon

Ixodes pacificus — Gregson, J.D., 1960 b, figs.
- disease transmission, man, review

British Columbia

Ixodes pavlovskyi Pom. — Sapegina, V. F.; and Ravkin, Iu. S., 1969 a
- [Turdus pilaris]
- [Turdus viscivorus]
- [Turdus ruficollis atrogularis]
- [Emberiza citrinella]
- [Emberiza leucocephalos]
- [Tetrao urogallus]
- [Tetrastes bonasia]
- [Anthus trivialis]
- [Sturnus vulgaris vulgaris]
- [Erythrina erythrina]

all from north-eastern Altai

Ixodes pavlovskyi — Ushakova, G. V.; Filippova, N. A.; and Panova, I. V., 1969 a
- ecology
- [Bos taurus]
- [Turdus pilaris]
- [Tetrastes bonasia]
- [Columba livia]
- [Corvus corone]
- [Turdus ericetorum]
- [Sciurus]
- [Lepus timidus]
- [Homo sapiens]
- [Luscinia]
- [Lanius]
- [Apodemus speciosus]
- [Ochotona alpina]

all from south-western Altai (East Kazakhstan)

Ixodes pavlovskyi — Volkov, V. I.; and Chernykh, P. A., 1971 a
- incidence, population density

Khabarovsk region

Ixodes persulcatus — Beliantseva, G. I.; Dobrynina, L. I.; and Gorchakovskaia, N. N., 1971 a
- encephalitis vector, DDT, long term control

Ixodes persulcatus — Buianova, O. F.; Kutuzova, E. A.; Markovich, N. Ia.; and Shipitsina, N. K., 1971 a
- DDT, BHC, control in construction area

Ixodes persulcatus — Chigirik, E. D.; and Pleshivtseva-Eroshkina, E. A., 1969 a
- activity, seasonal changes by landscapes

Ixodes persulcatus — Dremova, V. P.; and Smirnova, S. N., 1970 a
- repellents

Ixodes persulcatus — Fujisaki, K.; Kitaoka, S.; and Morii, T., 1973 a
- ovipositional patterns, photoperiod

Ixodes persulcatus P. Sch. — Iavlia, A. R.; Igolkin, N. I.; and Fedorov, Iu. V., 1960 a
- tick encephalitis nidus, transmission

Gur'ev

Ixodes persulcatus — Igolkin, N. I., 1960 a
- Arvicola terrestris
- Clethrionomys
- Sorex

all from Ob River shore

Ixodes persulcatus — Kondrashova, Z. N.; and Filippovets, R. V., 1970 a
- incidence, transovarial transmission, correlation, dosage

infection rate and virus

Ixodes persulcatus — Korenberg, E. I.; and Karpenko, A. S., 1972 a, map
- cartography of distribution

Udmurt ASSR

Ixodes persulcatus — Krasnobaeva, Z. N.; Stepanchenok-Rudnik, G. I.; and Grokhovskaia, I. M., 1971 a
- homogenates, electrophoresis, taxonomy

Ixodes persulcatus — Lur'e, A. A.; Naumov, R. L.; and Arumova, E. A., 1972 a
- tagging, larvae and nymphs fed on mice injected with glycine C^{14}

Ixodes persulcatus
tick encephalitis
Entamias [sic] sibiricus
Clethrionomys
Sorex
Emberiza citrinella
Anthus trivialis
Turdus
Popov, V. M.; Igolkin, N. I.; and Feodorov, Yu. V., 1960 a
all from Tomsk

Ixodes persulcatus P.Sch.
determination of physiological age
Repkina, L. V., 1971 a, figs.

Ixodes persulcatus
vector of tick-borne encephalitis, human case
Savchenko, E. N., 1960 a; 1960 b
Sakhalin

Ixodes persulcatus
development, life cycle
Serdiukova, G. V., 1960 a

Ixodes persulcatus
tick encephalitis, preparing antigen from mice
Tiushniakova, M. K.; Fedorov, Yu. V.; Zagromova, M. S.; and Belova, F. S., 1960 a
Tomsk

Ixodes persulcatus P. Sch.
tularemia and listeriosis vector
Ul'ianova, N. I.; et al., 1969 a
Leningrad region

Ixodes persulcatus
ecology
[Bos taurus]
[Equus caballus]
[Canis familiaris]
[Turdus pilaris]
Ushakova, G. V.; Filippova, N. A.; and Panova, I. V., 1969 a
all from south-western Altai (East Kazakhstan)

Ixodes persulcatus
DDT, metathion, engorged vs. unengorged ticks, necessity for residual activity
Uspenskiĭ, I. V.; and Oblesova, L. N. (Barmina), 1971 a

Ixodes persulcatus
vectors, encephalitis, man, animals
la Villa, J., 1965 a

Ixodes persulcatus
incidence, population density
Volkov, V. I.; and Chernykh, P. A., 1971 a
Khabarovsk region

Ixodes persulcatus persulcatus
Tsuihiji, G., 1971 a, figs.
Mt. Akagi, Japan

Ixodes petauristae
Macaca radiata
Presbytis entellus
Rajagopalan, P. K.; and Anderson, C. R., 1971 a
Shimoga District, India, all from

Ixodes petauristae Warburton 1933
Syn.: I. pseudoholocyclus Senevet, 1968
Senevet, G., 1970 b, 526

Ixodes philipi n. sp.
Puffinus leucomelas or Oceanodroma castro
Keirans, J. E.; and Kohls, G. M., 1970 a, 725-726, figs. 1-8
all from Sanganijima Island, Iwate Prefecture, Japan

Ixodes pomerantzevi Serdukova, 1941
Vulpes vulpes
Eutamias sibiricus
Teng, K.-F., 1973 a
all from China

Ixodes pseudoholocyclus n. sp.
Senevet, G., 1969 a, 251-256, fig.

Ixodes pseudoholocyclus Senevet, 1968
as syn. of I. petauristae Warburton 1933
Senevet, G., 1970 b, 526

Ixodes pterodromae Arthur 1960
taxonomic status
Puffinus griseus
Dumbleton, L. J., 1973 a, figs.
Birdlings, New Zealand

Ixodes (Ceratixodes) putus
vector, Tuleniy virus
Lvov, D. K.; et al., 1971 a

Ixodes (Ceratixodes) putus
vector, Sakhalin virus
Lvov, D. K.; et al., 1972 a
Tuleniy Island, Sea of Okhotsk

Ixodes (Ceratixodes) putus
vector, Tyuleniy virus
Lvov, D. K.; et al., 1972 b
Commodore Islands

Ixodes (Ceratixodes) putus
isolation of "Okhotskiy" virus
L'vov, D. K.; et al., 1973 b
Far East

Ixodes (Ceratixodes) putus
isolation of "Zaliv Terpeniya" virus
L'vov, D. K.; et al., 1973 c
Tyuleniy Island (Sakhalin region) and Commodore Island (Kamchatsk region)

Ixodes randrianasoloi sp. n.
Rattus rattus
Uilenberg, G.; and Hoogstraal, H., 1969 b, 93-96, figs. 1-10
Massif du Tsaratanana, Madagascar

Ixodes rangtangensis sp. nov.
Moschus berezovskii
Teng, K.-F., 1973 a, 73, 75-77, 81, figs. 13-19
Rangtang, Szechuan Province, China

Ixodes redikorzevi Olenev, 1927
Graculus graculus
Tetraogallus himalayensis
Alectoris chuker
Borgarenko, L. F.; and Mukhammadkulov, M., 1971 a
all from Tadzhikistan

Ixodes redikorzevi Ol.
Sosnina, T. F., 1969 a
mountain Crimea

Ixodes redikorzevi Ol.
incidence, population density
Volkov, V. I.; and Chernykh, P. A., 1971 a
Khabarovsk region

Ixodes reduvius (Linné) 1767
Syn.: Ixodes ricinus Lucas
Pavesi, P., 1880 a, 385
Sotto regioni eur pea e mediterranea; Italia; Algeria

Ixodes ricinus
life cycle comparison, different geographic localities, diapause
Bauch, R. J., 1971 a
Magdeburg, German Democratic Republic and Central Bohemia, Czechoslovakia

Ixodes ricinus
population dynamics, seasonal distribution, 1963, 1964
Bauch, R. J., 1972 a
district Magdeburg, DDR

Ixodes ricinus L. larvae
diapause, light and temperature
Belozerov, V. N., 1968 b

Ixodes ricinus
diapause, photoperiodicity
Belozerov, V. N., 1969 c

Ixodes ricinus
diapause, photoperiodicity, aggressiveness, development
Belozerov, V. N., 1970 a

Ixodes ricinus L.
unfed nymphs, attacking activity, photoperiodicity, diapause
Belozerov, V. N., 1971 a

Ixodes ricinus
nymphs, photoperiodic reaction, development and diapause
Belozerov, V. N., 1972 a

Ixodes ricinus
diapause, females, photoperiodic regimen
Belozerov, V. N., 1973 a

Ixodes ricinus
Ursus arctos (skrotumu)
Brglez, J.; and Valentinčič, S., [1969 a]
Kočensko and Dolenjsko, Slovenia

Ixodes ricinus
TE virus
Dąbek-Szreniawska, M., 1970 a

Ixodes ricinus
TE virus
Dąbek-Szreniawska, M., 1970 b

Ixodes ricinus
movement, feeding and reproduction during winter
Dyk, V.; and Zavadil, R., 1971 a
Czechoslovakia

Ixodes ricinus
distribution
konji
goveda
bivoli
ovce
Heneberg, N.; Heneberg, D.; Milošević, J.; and Dimitijević, V., [1968 a]
all from Kosovo and Metohija, Jugoslaviji

Ixodes ricinus
+Riparia riparia (nest)
Hess, A., 1924 a
Bern

Ixodes ricinus (Linné, 1746)
Vulpes vulpes
Hinaidy, H. K., 1971 a
Austria

Ixodes ricinus
vector of Babesia, viral and bacterial diseases, tick-borne fever
Kavanagh, P. J.; and Purcell, D. A., 1972 a
Northern Ireland

Ixodes ricinus
geographic distribution
Korenberg, E. I.; Dziuba, M. I.; and Zhukov, V. I., 1971 a
USSR

Ixodes ricinus
tick-borne fever, cattle
Kuil, H.; Molenkamp, G. J.; Meyer, J. C.; and Meyer, P., 1971 a
Netherlands

Ixodes ricinus
Oryctolagus cuniculus
Mead Briggs, A. R.; and Hughes, A. M., 1966 a
localities throughout Great Britain

Ixodes ricinus
vector of Babesia ovis, cattle
Morisod, A.; et al., 1972 a, figs.

Ixodes ricinus
Vapona, dogs, cats
Niemand, H. G., 1973 a

Ixodes ricinus
vector, Babesia capreoli, roe deer
Nikol'skiĭ, S. N.; and Pozov, S. A., 1972 a

Ixodes ricinus
perfumes, repellents
Novák, D., 1970 a

Ixodes ricinus
arthropod-borne viruses
Oker-Blom, N.; et al., 1971 a
Finland

Ixodes ricinus
Sus scrofa
Páv, J.; and Zajíček, D., 1971 a
Czechoslovakia

Ixodes ricinus
Cervus elaphus
Sus scrofa
Páv, J.; and Zajíček, D., 1971 b
all from Květov

Ixodes ricinus Lucas as syn. of Ixodes reduvius
Pavesi, P., 1880 a, 385 (Linné) 1767

Ixodes ricinus
dogs
cat
Persson, L., 1973 a
all from Sweden

Ixodes ricinus L.
Sorex araneus
S. minutus
Crocidura leucodon
Neomys anomalus
Talpa europaea
Erinoceus [sic] europaeus
Pinchuk, L. M., 1968 a
all from Moldavia

Ixodes ricinus
DDT, wood mice
Přívora, M.; Rupeš, V.; and Cupalová, A., 1968 a

Ixodes ricinus
rickettsia detection, haemocyte test
Řehaček, J.; Brezina, R.; Kováčová, E.; and Župančičová, M., 1971 a

Ixodes ricinus (L.)
morphology, female genital organs
Roshdy, M. A. A., 1969 a, figs.

Ixodes ricinus L.
migratory birds
Saikku, P.; Ulmanen, I.; and Brummer-Korvenkontio, M., 1971 a
Finland

Ixodes ricinus (non Linné, 1758): Neumann 1901 (p.p.: Rhodes); et al.
as syn. of I. gibbosus Nuttall 1916
Saratsiotis, A., 1970 a

Ixodes ricinus
Lepus europaeus
Capreolus capreolus
Schweizer, R., 1949 a
all from Switzerland

Ixodes ricinus
development, life cycle
Serdiukova, G. V., 1960 a

Ixodes (Ixodes) ricinus
Pipistrellus pipistrellus
Sixl, W.; Daniel, M.; and Černý, V., 1972 a
Osterreich

Ixodes ricinus
structure, Haller's organ
Sixl, W.; Dengg, E.; and Waltinger, H., 1971 a, figs.

Ixodes ricinus Linné 1758
Parus major
P. ater
P. caeruleus
Dendrocopus major
Sitta europaea
Sturnus vulgaris
Sylvia atricapilla
Emberiza citrinella
Turdus merula
Garrulus glandarius
Fringilla coelebs
Talpa europaea
Sorex minutus
Apodemus flavicollis
Clethrionomys glareolus
Lepus europaeus
Capreolus capreolus
Sixl, W.; Dostal, V.; Schmeller, E.; and Riedl, H., 1969 a
all from Steiermark

Ixodes ricinus
vector, Kemerovo group arbovirus
Skofertsa, P. G.; et al., 1972 a
Moldavian SSR

Ixodes ricinus
repellent sensitivity
Smirnova, S. N.; and Dremova, V. P., 1971 a

Ixodes ricinus L.
Mus musculus
Crocidura suaveolens
Microtus arvalis
Apodemus flavicollis
A. sylvaticus
Sosnina, E. F., 1969 a
all from mountain Crimea

Ixodes ricinus L.
ecology
Tovornik, D.; and Vesenjak-Hirjan, J., 1969 a
Nord-West Kroatien

Ixodes ricinus
tularemia, listeriosis, pseudotuberculosis and salmonellosis vector
Ul'ianova, N. I.; et al., 1969 a
Leningrad region

Ixodes ricinus
roe deer
Valentinčič, S.; Brglez, J.; and Dolžan, J., 1971 a

Ixodes ricinus
Langat virus, multiplication in ticks fed on viraemic suckling rats
Varma, M. G. R.; and Gordon Smith, C. E., 1972 a

Ixodes ricinus
Rattus norvegicus
Verling, M., 1972 a
Rylane, Co. Cork, Ireland

Ixodes ricinus
vectors, encephalitis, man, animals
la Villa, J., 1965 a

Ixodes ricinus
vector, Eperythrozoon wenyoni
Wilson, S.G.; Zwart, D.; Kuil, H.; and Perie, N. M., 1968 a

Ixodes ricinus
morphology, respiratory apparatus, scanning electron microscopy
Woolley, T. A., 1972 a, fig.

Ixodes ricinus atypicus Micačic, 1949
as syn. of I. gibbosus Nuttall 1916
Saratsiotis, A., 1970 a

Ixodes ricinus gibbosus Nuttall, 1916
as syn. of I. gibbosus Nuttall, 1916
Saratsiotis, A., 1970 a

Ixodes rubicundus
life cycle, different temperature and humidity levels
Neitz, W. O.; Boughton, F.; and Walters, H. S., 1971 a

Ixodes (Ixodes) sachalinensis sp. n.
Lepus timidus
Filippova, N. A., 1971 a, 136-138, fig. 1
Sakhalin Province, near Khomutova

Ixodes sanguineus Latreille, 1806
as syn. of Rhipicephalus sanguineus
Kohls, G. M., 1969 c, 133

Ixodes savignyi Gervais
as syn. of Hyalomma aegyptium (Linné) 1767
Pavesi, P., 1880 a, 384

Ixodes scapularis
dog
Good, N. E., 1972 a
Ossining, New York

Ixodes scapularis
Odocoileus virginianus
Kellogg, F. E.; Kistner, T. P.; Strickland, R. K.; and Gerrish, R. R., 1971 a
Alabama; Arkansas; Florida; Georgia; Louisiana; Maryland; Massachusetts; Mississippi; North Carolina; Oklahoma; South Carolina; Virginia

Ixodes scapularis Say
form, function and interrelationships of fat body, associated tissues
Obenchain, F. D.; and Oliver, J. H. (jr.), 1973 a

Ixodes scapularis Say
Odocoileus virginianus
Samuel, W. M.; and Trainer, D. O., 1970 a
Welder Refuge, south Texas

Ixodes scapularis Say
Peromyscus gossypinus
Cryptotis parva
Didelphis marsupialis
Procyon lotor
Wilson, N. A.; and Kale II, H. W., 1972 a
all from Indian River County, Florida

Ixodes sculpturatus Schulze
as syn. of I. caledonicus Nuttall
Kohls, G. M.; Clifford, C. M. (jr.); and Hoogstraal, H., 1970 a, 351

Ixodes sculptus
Spermophilus franklinii
S. richardsonii
Hilton, D. F. J.; and Mahrt, J. L., 1971 b
all from Alberta

Ixodes shahi n. sp.
Ochotona roylei roylei
Mus musculus subsp.
Clifford, C. M.; Hoogstraal, H.; and Kohls, G. M., 1971 a, 430, 434-438, figs. 13-22
all from Nepal

Ixodes shahi Clifford, Hoogstraal, and Kohls (1971)
Ochotona r. roylei
Hoogstraal, H., 1971 c
Nepal

Ixodes signatus
incidence, population density
Volkov, V. I.; and Chernykh, P. A., 1971 a
Khabarovsk region

Ixodes simplex simplex Neum., 1906
Teng, K.-F., 1973 a, figs.
China

Ixodes spinipalpis
Peromyscus maniculatus
Douglas, C. L., 1969 a, 493
Mesa Verde National Park, Colorado

Ixodes texanus
Procyon lotor
Good, N. E., 1972 a
Bear Mountain State Park, Orange County, and Ossining, Westchester County, New York

Ixodes texanus
host-parasite relationships, seasonal activity
Procyon lotor
Sonenshine, D. E.; and Stout, I. J., 1971 a
Newport News and Montpelier. Virginia

Ixodes (Exopalpiger) trianguliceps
Oryctolagus cuniculus
Mead Briggs, A. R.; and Hughes, A. M., 1966 a
Great Britain

Ixodes trianguliceps Bir.
Sorex araneus
S. minutus
Neomys anomalus
Pinchuk, L. M., 1968 a
all from Moldavia

Ixodes trianguliceps Birula 1895
Apodemus flavicollis
Clethrionomys glareolus
Sorex alpinus
S. minutus
Sixl, W.; Dostal, V.; Schmeller, E.; and Riedl, H., 1969 a
all from Steiermark

Ixodes trianguliceps Bir.
distribution
Ul'ianova, N. I.; et al., 1969 a
Leningrad region

Ixodes trianguliceps
geographic and seasonal distribution
Sorex araneus
S. minutus
Apodemus flavicollis
Micromys minutus
Mus musculus
Clethrionomys glareolus
Microtus agrestis
Arvicola terrestris
Ulmanen, I., 1972 a
all from Finland

Ixodes (Exopalpiger) turdus Nakatsuji
Saito, Y.; and Hoogstraal, H., 1972 a
Yaku Shima, Japan

Ixodes uriae
vector, group B arbovirus
Clifford, C. M.; et al., 1971 a

Ixodes (Eschatocephalus) vespertilionis Koch, 1844
Pipistrellus pipistrellus
Sixl, W.; Daniel, M.; and Černý, V., 1972 a
Österreich

Ixodes vespertilionis Koch 1844
Pipistrellus pipistrellus
Sixl, W.; Dostal, V.; Schmeller, E.; and Riedl, H., 1969 a
Steiermark

Ixodes vespertilionis Koch, 1844
Teng, K.-F., 1973 a, figs.
China

Ixodes (I.) werneri Kohls
morphology
Keirans, J. E.; Clifford, C. M.; and Hoogstraal, H., 1970 a

Rattus panglima
Philippines, Palawan Island
R. muelleri balabagensis
" " "
R. fulvescens cameroni
Malaysia, Pahang State
R. inas
" " "
R. exulans subsp.
Indonesia, Java Island

Ixodidae
control, bovine, backrubbers, review
Bădescu, C.; and Gavrig, L., 1972 a

Ixodidae
bioassay, host-seeking responses, nymphs, odor stimulant, dog hair extract
Dukes, J. C.; and Rodriguez, J. G., 1971 a

Ixodidae
infra-internal bristles of palps, morphology, location, number
Senevet, G., 1970 a

Ixodoidea
description
Herms, W. B., 1944 a

Ixodoidea
aerosols, Sevin, Ciodrin, chlorofos, dikrezil
Tarmykh, V. S.; and Simetskiĭ, M. A., 1971 a

Ixodorhynchus liponyssoides Ewing, 1922
Fain, A.; and Yunker, C. E., 1972 a
Chihuahua, Mexico

Ixodoidea
review, possible equine babesiosis vectors
Tagle Villarroel, I., 1971 a
Chile

Ixodoidea
distribution
Kochkareva, A. V.; et al., 1971 a
Turkmen SSR

Jamesonia Dusbábek, 1967 preoccupied by Jamesonia Bolivar, 1909; renamed Eudusbabekia — Jameson, E. W. (jr.), 1971 a, 513

Jamesonia cernyi Dusbábek to Eudusbabekia, new name for Jamesonia Dusbábek, 1967, preoccupied — Jameson, E. W. (jr.), 1971 a

Jamesonia danieli Dusbábek to Eudusbabekia, new name for Jamesonia Dusbábek, 1967, preoccupied — Jameson, E. W. (jr.), 1971 a

Jamesonia jimenezi Dusbábek to Eudusbabekia, new name for Jamesonia Dusbábek, 1967, preoccupied — Jameson, E. W. (jr.), 1971 a

Jamesonia rosickyi Dusbábek to Eudusbabekia, new name for Jamesonia Dusbábek, 1967, preoccupied — Jameson, E. W. (jr.), 1971 a

Jamesonia saguei Dusbábek to Eudusbabekia, new name for Jamesonia Dusbábek, 1967, preoccupied — Jameson, E. W. (jr.), 1971 a

Jamesonia samsinaki Dusbábek to Eudusbabekia, new name for Jamesonia Dusbábek, 1967, preoccupied — Jameson, E. W. (jr.), 1971 a

Jamesonia viguearasi sp. n. [lapsus for: J. viguerasi] — Dusbábek, F., 1967 a, 257 [For entire reference see: Supplement 19, Part 1, p. 186]

Jamesonia viguerasi sp. n. [lapsus as: J. viguearasi] key — Dusbábek, F., 1967 a, 247, 257-259, 260, fig. 6A-D [For entire reference see: Supplement 19, Part 1, p. 186]

Artibeus jamaicensis parvipes — Cueva Bonita, Cairije, Sierra Cubitas, Prov. Camagüey; Soroa, Prov. Pinar del Rio; Cueva del Indio, Tepaste, Prov. La Habana; Isla de Pinos, Cuba

Jamesonia viguerasi Dusbábek to Eudusbabekia, new name for Jamesonia Dusbábek, 1967, preoccupied — Jameson, E. W. (jr.), 1971 a

Keleriella Eichler, 1940
as syn. of Boopia Piaget, 1880
von Kéler, S., 1971 a, 16

Kelerimenopon n. gen.
Menoponidae; Menacanthinae; Kelerimenoponinae nov. trib.
tod: K. sanfilippoi n. sp.
Conci, C., 1943 a, 262

Kelerimenopon sanfilippoi n. sp. (tod)
Tropidorhynchus novae guineae
Conci, C., 1943 a, 262, 263-264, fig. 1
Nuova Guinea

Kelerimenoponinae nov. trib.
includes: Kelerimenopon n. gen.
Conci, C., 1943 a, 262

Kelerinirmus rufus (Nitzsch in Burmeister, 1838)
Falco columbarius
F. rusticolus islandus
Timmermann, G., 1950 a
all from Iceland

Kiricephalus coarctatus (Sambon, 1910)
Thamnophis sirtalis
Coluber constrictor foxi
Deakins, D. E., 1971 a
Blackbeard Island National Wildlife Refuge, McIntosh County, Georgia
Iowa; Illinois

Kivuicola subgen. nov.
Pyroglyphidae, Dermatophagoidinae, Sturnophagoides
Fain, A., 1971 a, 4
tod: S. (K.) kivuana sp. n.

Kjellum subgen. n.
subgen. of Polylopadium
Brennan, J. M., 1969 b, 870
tod: P. (K.) chocoensis sp. n.

Kleemannia sp.
Chordeiles minor
Dipodomys ordii
Eutamias minimus
Microtus montanus
Neotoma cinerea
Onychomys leucogaster
Perognathus parvus
Peromyscus maniculatus
Sorex merriami
Allred, D. M., 1970 d
all from near Idaho Falls, Idaho

Kleemannia sp.
Mus musculus
Rattus turkestanicus
Meriones erythrourus
Davydov, G.S.; and Morozova, I.V., 1970 a
all from Tadzhikistan

Kleemannia sp.
Lagurus luteus
Senotrusova, V. N.; and Shubin, I. G., 1969 a
Zaisansky Hollow

Knemidokoptes Fürstenberg, 1870
Knemidokoptinae, key
Pence, D. B., 1972 c

Knemidokoptes derooi nov. sp.
Cypsiurus parvus (internal parts of bill)
Fain, A., 1970 b, 220-224, figs. 1-4
Togo, West Africa

Knemidokoptes jamaicensis Turk, 1950
Serinus canaria (tarsos e dedos)
do Amaral, V.; Portugal, M. A. S. C.; Santos, S. M.; and Rebouças, M. M., 1973 a

Knemidokoptes jamaicensis Turk
Pipilo erythrophthalamus (leg lesions)
Pence, D. B., 1970 a
New Orleans, Louisiana

Knemidokoptes jamaicensis Turk
Corvus brachyrhynchos (skin)
Pence, D. B., 1972 c
Laplace, Louisiana

Cnemidocoptes laevis
brommethyl-hexachlor bicyclohepten, fowl
Iachkov, Ts., 1970 a

Cnemidocoptes mutans
brommethyl-hexachlor bicyclohepten, fowl
Iachkov, Ts., 1970 a

Cnemidocoptes pilae Lavoipierre et Griffiths, 1951
Melopsittacus undulatus
Juminer, B.; and Ben Osman, F., 1970 a
Tunis (aviary)

Knemidokoptinae
key to genera, modified from Fain and Elsen, 1967
includes: Procnemidocoptes, Fain, 1966; Picicnemidocoptes n.g; Knemidokoptes Fürstenberg, 1870; Neocnemidocoptes Fain, 1966
Pence, D. B., 1972 c, 341

Koeniginirmus (Quadraceps) lineolatus (Nitzsch)
as syn. of K. (Qu.) ornatus Grube
Timmermann, G., 1950 a, 8

Koeniginirmus (Quadraceps) ornatus Grube
Syn.: K. (Qu.) lineolatus (Nitzsch)
Timmermann, G., 1950 a, 8

Koeniginirmus (Quadraceps) sellatus houri (Hopkins, 1949)
corrected name for K. (Qu.) houri von sellatus of Timmermann, 1949 ?
Timmermann, G., 1950 a, 8

Kurodaia acadicae Price and Beer (1963)
Aegolius acadicus
Woods, J. G., 1971 a
Ontario, Canada

Kutzerocoptes n. g.
Lavoipierre, M. M. J., 1970 a, 376,378
tod: K. grunbergi n. sp.

Kutzerocoptes grunbergi n. g., n. sp. (tod)
Syn.: Prosarcoptes pitheci of Kutzer and Grünberg, 1967 nec Philippe, 1948
Cebus cebus capucinus
Lavoipierre, M. M. J., 1970 a, 376,378,379,380, figs. 8,9,10

Labidocarpidae
key to genera, species, United States
includes: Alabidocarpus; Dentocarpus Dusbabek and Cruz; Olabidocarpus
McDaniel, B.; and Coffman, C. C., 1970 a

Labidocarpus chaerephon sp. n.
Tadarida (Chaerephon) faini
Fain, A., 1970 c, 296
Mont Wago, Congo

Labidocarpus congoensis sp. n.
Rhinolophus hildebrandti
Fain, A., 1970 c, 295
Lubudi, Congo

Labidocarpus hipposideros sp. n.
Hipposideros caffer
Fain, A., 1970 c, 295
Irangi, Congo

Labidocarpus laviae sp. n.
Lavia frons
Fain, A., 1970 c, 296
riv. Akanyaru, Rwanda

Labidocarpus tenuis sp. n.
Coleura afra
Fain, A., 1970 c, 296
Mont Wago, Congo

Labidophorus sciurinus
Sciurus vulgaris
Mehl, R., 1971 a, figs.
Norway

Labidopygus n. g.
Atopomelidae
Fain, A.; and Domrow, R., 1973 a, 161, 162-163
tod: L. australiensis n. sp.

Labidopygus australiensis n. sp. (tod)
Dasyurus maculatus (scrotum)
Fain, A.; and Domrow, R., 1973 a, 161, 163-164, figs. 4-5
Eccleston, N. S. W.

Laelaps
survey
Clifford, C. M.; Yunker, C.E.; and Jones, E. K., 1968 a
Parc National de la Garamba, Congo belge

Laelaps
key to females, Laelaps muricola complex
Coffee, G. M.; and Retief, L. A., 1972 a

Laelaps
key to species, males
Garrett, D. A.; and Allred, D. M., 1971 a, 298
Turkey

Laelaps sp. (nov. sp. near spinifer)
Cricetomys gambianus
Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a
Tema periphery, South Ghana

Laelaps acuminata n. sp.
Oryzomys concolor
O. albigularis
O. bicolor
O. minutus
Oryzomys sp.
Rhipidomys sp.
Furman, D. P., 1972 a, 35, 38, 39, 40, 41, figs. 6-10
Caracas, Dto. Federal, Ter. Amazonas, Monagas, Miranda, Bolivar, Venezuela
Dto. Federal, Venezuela
Venezuela
"
Sonso, Dept. Valle, Colombia
Venezuela

Laelaps agilis
Sorex araneus
Clethrionomys glareolus
Apodemus flavicollis
A. sylvaticus
Edler, A.; and Mehl, R., 1972 a
all from Norway

Laelaps agilis C. L. Koch, 1836
Cricetulus migratorius
Apodemus sylvaticus
Davydov, G.S.; and Morozova, I.V., 1970 a
all from Tadzhikistan

Laelaps agilis
key
Apodemus mysticanus
A. sylvaticus
Cricetulus migratorius
Mus musculus
Garrett, D. A.; and Allred, D. M., 1971 a, 295, 298
Kemalpasa, Turkey
Gumuldur, Yamanlar, Turkey
Guzelbahce, Turkey
Gumuldur and Kemalpasa, Turkey

Laelaps agilis
Sorex araneus
Apodemus flavicollis
Apodemus sylvaticus
Apodemus sp.
Mahnert, V., 1971 a
all from the Tirol, Austria

Laelaps agilis C. L. Koch
Sorex araneus
S. minutus
Pinchuk, L. M., 1968 a
all from Moldavia

Laelaps algericus Hirst, 1925
Mus musculus
Meriones erythrourus
M. meridianus
Apodemus sylvaticus
Rattus turkestanicus
Ellobius talpinus
Microtus afghanus
Davydov, G.S.; and Morozova, I.V., 1970 a
all from Tadzhikistan

Laelaps algericus Hirst, 1925
key
Apodemus mysticanus
A. sylvaticus
Cricetulus migratorius
Microtus
Mus musculus
shrew
Garrett, D. A.; and Allred, D. M., 1971 a, 295, 298
Kemalpasa and Yamanlar, Turkey
Yamanlar, Turkey
Gordes, Turkey
Yamanlar, Turkey
Bornova, Dikili, Gordes, Guzelbahce, Kemalpasa, Tekeli and Yamanlar, Turkey
Yamanlar, Turkey

Laelaps algericus
Lagurus luteus
Senotrusova, V. N.; and Shubin, I. G., 1969 a
Zaisansky Hollow

Laelaps (Echinolaelaps) bakeri Hirst, 1923
Lemniscomys striatus
massaicus
+Dasymys sp. (nest)
+Mylomys sp. "
Heliosorex roosevelti
Mastomys coucha ugandae
Mylomys dybowskii albertii
+Uranomys ruddi ugandae (nest)
bird
+murid rodent (nest)
mammal
Clifford, C. M.; Yunker, C.E.; and Jones, E.K., 1968 a,5,6
all from Parc National de Garamba, Congo belge

Laelaps (Echinolaelaps) bakeri Hirst
Arvicanthis niloticus
Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a
South Ghana

Laelaps (Laelaps) brazzai Taufflieb, 1962
+rodent nest
Clifford, C.M.; Yunker, C.E.; and Jones, E.K., 1968 a,5,8
Parc National de Garamba, Congo belge

Laelaps clethrionomydis
Lemmus lemmus
Clethrionomys rutilus
C. glareolus
C. rufocanus
C. glareolus/rufocanus
Edler, A.; and Mehl, R., 1972 a
all from Norway

Laelaps clethrionomydis Lang.
Clethrionomys
Igolkin, N. I., 1960 a
Ob River shore

Laelaps clethrionomydis
Clethrionomys glareolus
Mahnert, V., 1971 a
the Tirol, Austria

Laelaps (Laelaps) congoicola Tauffl ieb, 1959
+rodent nest
Clifford, C. M.; Yunker, C.E.; and Jones, E.K., 1968 a, 5,8
Parc National de Garamba, Congo belge

Laelaps (Echinolaelaps) conula n. sp.
Rhipidomys macconnelli
Furman, D. P., 1972 a, 35, 41-42, figs. 13-16
El Dorado, Bolivar State, Venezuela; Amazonas Territory, Venezuela

Rhipidomys sp.
Amazonas Territory, Venezuela

Laelaps crinigera n. sp.
Furman, D. P., 1972 a, 35, 44-45, figs. 20-23

Oryzomys concolor
Boca Mavaca, Rio Mavaca and Apure, Venezuela

Oryzomys sp.
Tama Tama, T. F. Amazonas, Venezuela

O. minutus
Buena Vista, Tachira, Venezuela

O. bicolor
Santa Lucia de Surukun, Bolivar, Venezuela

Laelaps echidninus Berlese, 1887
Rattus rattus
Dusbábek, F., 1970 a
Gupeyal, Cuba

Laelaps echidnina echidnina Berlese
key, female
white rat
Rattus norvegicus
R. alexandrinus
rat
Coffee, G. M.; and Retief, L. A., 1972 a, figs.

Cameroon; England
England
"
"

Laelaps echidnina solida n. ssp.
key, female
Coffee, G. M.; and Retief, L. A., 1972 a, 417, 419, 420, 422, 423, figs. 3aii, 5a, 7a, 9a-b

Praomys morio
Ol Arabel, Thompson's Falls, Kenya

P. jacksoni
Brazzaville, Congo

Saccostomus campestris
Luano, Lumbumbashi, Congo

Malacomys longipes edwardsi
Adiopodoumé, Ivory Coast

Laelaps flexa n. sp.
Furman, D. P., 1972 a, 35-37, 39, figs. 1-5

Oryzomys minutus
Caracas, Dto. Federal and state of Merida, Venezuela

Oryzomys sp.
Venezuela

Laelaps (Echinolaelaps) gigantea Berlese, 1918
+Dasymys sp. (nest)
+Mylomys sp. "
Lophuromys sikapusi ansorgei
+Heliosorex roosevelti (nest)
+Mastomys coucha ugandae (nest)
Dasymys incomtus bentleyae
bird
murid rodent
Clifford, C. M.; Yunker, C.E.; and Jones, E. K., 1968 a, 5,7
all from Parc National de Garamba, Congo belge

Laelaps hilaris
Sorex araneus
Lemmus lemmus
Clethrionomys rutilus
C. glareolus
Microtus agrestis
M. oeconomus
Apodemus sylvaticus
Edler, A.; and Mehl, R., 1972 a
all from Norway

Laelaps hilaris Koch
Microtus oeconomus
Igolkin, N. I., 1960 a
Ob River shore

Laelaps hilaris C.L. Koch 1836
diet, fresh, heparinized and dry blood
Kocianová, E., 1972 a

Laelaps hilaris
Apodemus sylvaticus
Clethrionomys glareolus
Microtus agrestis
Sorex araneus
Pitymys subterraneus
Microtus arvalis rufescentefuscus
Microtus nivalis
Mahnert, V., 1971 a
all from the Tirol, Austria

Laelaps jettmari Vitzt., 1930
Cricetulus migratorius
Apodemus sylvaticus
Davydov, G.S.; and Morozova, I.V., 1970 a
all from Tadzhikistan

Laelaps (Laelaps) kampalensis Tauffl ieb, 1957
mammal
+rodent nest
bird
Clifford, C. M.; Yunker, C.E.; and Jones, E.K., 1968 a, 5, 8-9
all from Parc National de Garamba, Congo belge

Laelaps keegani Thurman
Arvicanthis niloticus
Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a
South Ghana

Laelaps kochi
key
Apodemus mysticanus
A. sylvaticus
Microtus
Mus musculus
Garrett, D. A.; and Allred, D. M., 1971 a, 295, 298
Guzelbahce, Turkey
Yamanlar, Turkey
Gordes, Guzelbahce, and Yamanlar, Turkey
Guzelbahce, Turkey

Laelaps kochi
Blarina brevicauda
Whitaker, J. O. (jr.); and Mumford, R. E., 1972 a
Indiana

Laelaps lamborni Hirst
as syn. of L. liberiensis Hirst
Coffee, G. M., 1971 a

Laelaps lamborni
Mastomys natalensis
Tatera kempi
Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a
East cantonments, Achimota, South Ghana
East cantonments, South Ghana

Laelaps (Laelaps) lavieri Tauffl ieb, 1954
+Tatera sp. (nest)
Clifford, C.M.; Yunker, C.E.; and Jones, E.K., 1968 a, 5,9
Parc National de Garamba, Congo belge

Laelaps (Laelaps) lavoipierrei Tauffl ieb, 1954
Crocidura littoralis
Clifford, C.M.; Yunker, C.E.; and Jones, E.K., 1968 a, 5,9
Parc National de Garamba, Congo belge

Laelaps lemmi Grube
ecology
Lemmus s. sibiricus
Beliaev, V. G., 1969 a
Vrangel Island

Laelaps lemmi
Lemmus lemmus
Edler, A.; and Mehl, R., 1972 a
Norway

Laelaps lemmi Grube
exper. vector of Pasteurella tularensis
Rausch, R. L.; Huntley, B.E.; and Bridgens, J. G., 1969 a

Laelaps liberiensis Hirst — Coffee, G. M., 1971 a, figs.
key
Syn.: L. lamborni Hirst
Praomys daltoni — all from Nigeria
Mus musculoides
Aethomys stannarius
Graphiurus murinus
Arvicanthus niloticus
Lophuromys sikapusi
Lemniscomys barbarus
Taterillus nigeriae
Funisciurus pyrrhopus
Praomys fumatus

Laelaps litigiosa n. sp. — Coffee, G. M.; and Retief, L. A., 1972 a, 417, 419, 421-422, figs. 3b, 7c, 8a-b
key, female
Praomys tullbergi — Federal District, and Sapoba Forest Reserve, Nigeria; Adiopodoumé, Ivory Coast
P. alleni — Federal District, Nigeria; Igbo-Ora, Western Nigeria
P. jacksoni — Federal District, Nigeria; Igbo-Ora, Western Nigeria
Myomys fumatus — Igbo-Ora, Western Nigeria
Mus musculoides — Federal District, Nigeria; Igbo-Ora, Western Nigeria

Laelaps longisetosus Allred, 1969 — Garrett, D. A.; and Allred, D. M., 1971 a, 295-296, 298
key
Apodemus mysticanus — Kemalpasa, Turkey
Apodemus — Guzelbahce, Turkey
Cricetulus migratorius — " "
Microtus — Izmir, Guzelbahce and Kemalpasa, Turkey

Laelaps micromydis Zachv. — Igolkin, N. I., 1960 a
[Micromys minutus] — Ob River shore

Laelaps (Echinolaelaps) muricola Trägardh, 1910 — Clifford, C. M.; Yunker, C.E.; and Jones, E. K., 1968 a, 5, 7-8
Genetta tigrina aequatorialis — all from Parc National de Garamba, Congo belge
Mastomys coucha ugandae

Laelaps muricola Trägardh — Coffee, G. M.; and Retief, L A., 1972 a, figs.
key, female — Ethiopian region
Praomys natalensis — Nigeria
Taterillus gracilis — "
Mus musculoides — "
P. alleni — "
P. tullbergi — "
P. jacksoni — "
Myomys daltoni — Dahomey
Tatera kempii — "
Myomys fumatus

Laelaps (Echinolaelaps) muricola — Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a
Cricetomys gambianus — Tema periphery, South Ghana
Mastomys natalensis — East cantonments, Achimota, Nungua-Tema, Korle-Bu, South Ghana
Rattus rattus — Achimota, Accra town area, South Ghana

Laelaps muris Ljungh. — Igolkin, N. I., 1960 a
Arvicola terrestris — all from Ob River shore
Clethrionomys
[Mustela sibiricus]

Laelaps muris — Mahnert, V., 1971 a
Sorex araneus — the Tirol, Austria

Laelaps nigeriensis — Okereke, T.A., 1970 a
Mus (Leggada) musculoides — all from Nigeria
Lophuromys sikapusi
Dasymys incomtus

Laelaps nuttalli Hirst — Coffee, G. M., 1971 a, figs.
key — Tsimbazaza, Madagascar

Laelaps nuttalli — Doherty, R.L.; et al., 1971 a
Rattus sordidus conatus — Mitchell River, Queensland

Laelaps nuttalli Hirst, 1916 — Dusbábek, F., 1970 a
Rattus rattus — Gupeyal, Cuba

Laelaps nuttalli — Mosby, J. M.; and Wodzicki, K., 1972 a
Rattus exulans — Tokelau Islands

Laelaps nuttalli — Murrell, K. D.; and Cates, M. D., 1970 a
seasonal periodicity, — Taiwan
Rattus rattus tanezumi

Laelaps nuttalli — Ulrich, M. G.; and Vaughn, C. M., 1963 a
Peromyscus maniculatis — South Dakota

Laelaps ovata n. sp. — Furman, D. P., 1972 a, 35, 40, 41, figs. 11-12
Oryzomys albigularis — Trujillo, Miranda, Merida, Tachira and Dto. Federal, Venezuela

Laelaps pavlovskyi Zachvatkin, 1948 — Garrett, D. A.; and Allred, D. M., 1971 a, 296, 298
key
Apodemus mysticanus — Kemalpasa, Turkey
Apodemus — Gumuldur, Turkey
Mus musculus — Kemalpasa, Turkey

Laelaps pavlovskyi Zachv. — Igolkin, N. I., 1960 a
[Apodemus agrarius] — all from Ob River shore
[Mustela sibiricus]

Laelaps (Laelaps) roubaudi Taufflieb, 1954 — Clifford, C.M.; Yunker, C.E.; and Jones, E.K., 1968 a, 5, 9-10
Dasymys incomtus bentleyae — Parc National de Garamba, Congo belge

Laelaps roubaudi — Okereke, T.A., 1970 a
Dasymys incomtus — all from Nigeria
Rattus (Myomys) daltoni

Laelaps semitectus (Koch) — Beliaev, V. G., 1969 a
ecology — Vrangel Island
Dicrostonyx torquatus vinogradovi

Laelaps setzeri n. sp. — Coffee, G. M., 1971 a, 49-51, 52, fig. 5a-b
key
Praomys alleni — Tsanchaga, Northern Nigeria; Igbo-Ora, Western Nigeria
P. jacksoni — Igbo-Ora, Western Nigeria; Kudu, Northern Nigeria
P. tullbergi — Sapoba, Western Nigeria
University of Lagos, Federal District
Mus musculoides — Ilashe, Western Nigeria

Laelaps spicata n. sp. — Furman, D. P., 1972 a, 35, 45-46, figs. 24-26
Oryzomys minutus — Buena Vista, San Cristobal, Tachira, Venezuela
Oryzomys concolor — Ter. Fed. Amazonas, Venezuela
Oryzomys sp. — " "
Oryzomys macconnelli — Bolivar state, Venezuela
O. bicolor — " "
Rhipidomys sp. — " "

Laelaps stupkai n. sp.
Synaptomys cooperi stonei
Linzey, D. W.; and Crossley, D. A. (jr.), 1971 a, 408-410, figs. 1-2
Kanati Fork, Great Smoky Mountains National Park, Swain County, North Carolina

Laelaps surcomata n. sp.
Rhipidomys macconnelli
Furman, D. P., 1972 a, 35, 42, 43-44, figs. 17-19
state of Bolivar, Venezuela

Laelaps turkestanicus Lange, 1955
Rattus turkestanicus
Davydov, G.S.; and Morozova, I.V., 1970 a
Tadzhikistan

Laelaspis sp.
Mus musculus
Rattus turkestanicus
Davydov, G.S.; and Morozova, I.V., 1970 a
all from Tadzhikistan

Laelaspis imitatus Reitblat, 1963
Meriones erythrourus
Davydov, G.S.; and Morozova, I.V., 1970 a
Tadzhikistan

Laelaspis orientalis sp. n.
[Mus musculus]
[Apodemus agrarius]
Osipova, N. Z., 1969 a, 1739-1740, 1 fig. (1-5)
all from Chuiskaia dolina, Kirgizia

Laemobothrion Nitzsch
key
morphology, evolutionary trends
Lakshminarayana, K. V., 1970 a

Laemobothrion kelloggi Bedford
as syn. of Ciconiicola kelloggi [n. comb.]
Lakshminarayana, K. V., 1970 a, 138

Laemobothrion (Laemobothrion) lunai n. sp.
Pernis apivorus apivorus
Tendeiro, J., 1958 g, 83, 99-103, 110, figs. 16-17, photos 13-14
Angola

Laemobothrion (Laemobothrion) mendesi Tendeiro, 1955
Tendeiro, J., 1958 g, figs.

Laemobothrion tinnunculi
Falco jugger
Keymer, I. F., 1972 a

Laemobothrion vulturis
morphology
Lakshminarayana, K. V., 1970 a, figs.

Lagopoecus affinis (Children, 1836)
Lagopus mutus islandorum
Timmermann, G., 1950 a
Iceland

Lagopoecus pallidovittatus (Grube, 1851)
Tetrao urogallus
Brglez, J.; Hribar, H.; and Brelih, S., 1967 a
Slovenia

Laminifera Poche, 1902 of Wilson, 1907
as syn. of Phyllothyreus Norman, 1903
Cressey, R. F., 1967 a, 24, 25

Laminifera doello-juradoi Brian, 1944
as syn. of Phyllothyreus cornutus (Milne-Edwards, 1840)
Cressey, R. F., 1967 a, 25

Lamproglena compacta Markewitsch, 1936
(gills of all)
Rutilus rutilus
Barbus brachycephalus
Varicorhinus capoëta heratensis n. steindachneri
Schizothorax intermedius
[Schizothorax pseudaksaiensis issykkuli]
Diptychus dybowskii
Gobio gobio lepidolaemus
Abramis brama
Osmanov, S. O., 1971 a, 239
all from Uzbekistan

Lamproglena hemprichii
Hydrocyon forskali
Hydrocyon sp.
Fryer, G., 1965 c
Lake Albert
Crique de Banana

Lamproglena markewitschi Suchenko et Allamuratov, 1966
Nemachilus malapterurus (gills)
Osmanov, S. O., 1971 a, 240, fig.
Uzbekistan

Lamproglena monodi Capart
Tilapia macrochir
Haplochromis nubilus
Haplochromis sp.
Fryer, G., 1965 c
Luapula River, Kasanga
Lake Edward
" "

Lamproglena pulchella Nordmann, 1832
(gills of all)
Rutilus rutilus
Leuciscus idus oxianus
Scardinius erythrophthalmus
Aspius aspius
Varicorhinus capoëta heratensis n. steindachneri
Barbus capito conocephalus
Barbus brachycephalus
Chalcalburnus chalcoides
Abramis brama
Esox lucius
Osmanov, S. O., 1971 a, 238
all from Uzbekistan

Lamproglena pulchella
high floods, changes in parasite fauna
[Silurus glanis]
Shaova, N. D., 1969 b
Kuban river

Larinyssus orbicularis Strandtmann, 1948
(nasal passages of all)
Larus argentatus
L. delawarensis
L. atricilla
Sterna hirundo
Pence, D. B., 1972 a, 160
Buras, Louisiana
" "
Cameron Parish, Louisiana
" "

Laticephalum Tillyard, 1926 (emendation with consent of Le Souëf but unjustified)
as syn. of Latumcephalum Le Souëf
von Kéler, S., 1971 a, 71

Latrodectus
review, textbook
Maretić, Z., 1971 a
Mediterranean countries

Latrodectus mactans
biological control,
Tetrastichodes sp.
Miranda C., H.; Roman A., H.; and Garcia A., J., 1960 a, figs.
Peru

Latrodectus mactans
venom, mode of action, rat sympathetic ganglion
Paggi, P.; and Toschi, G., 1972 a

Latrodectus m. mactans
venom, nervous system of arthropods, vertebrates
Bettini, S., 1971 a

Latrodectus mactans tredecimguttatus — Bettini, S., 1971 a
venom, nervous system of arthropods, vertebrates

Latrodectus mactans tredecimguttatus — Maroli, M.; and Bettini, S., 1971 a
venom, frog and mouse neuromuscular preparations

Latrodectus mactans tredecimguttatus — Pansa, M. C.; Migliori Natalizi; and Bettini, S., 1972 a
venom, 5-hydroxytryptamine content

Latumcephalum Le Souëf, 1902 — von Kéler, S., 1971 a, 71-72
Boopiidae, key, description, Key to species
Syn.: Laticephalum Tillyard, 1926 (emendation with consent of Le Souëf but unjustified)

Latumcephalum lesouefi Harrison & Johnston, 1916 — von Kéler, S., 1971 a, 72, figs.
key, description — Victoria; New South Wales; Zoo, London; Queensland
Wallabia bicolor

Latumcephalum macropus Le Souëf, 1902 — von Kéler, S., 1971 a, 73-74, figs.
key, description
Wallabia dorsalis — Melbourne Zoo
W. bicolor — Victoria

Laurentella latyshevi (Schlug.) — Nazarova, I. V., 1970 a
ecology — all from Raif district, Volga-Kama state reserve, Tartar SSR
Clethrionomys glareolus
C. rutilus
Sorex araneus
Apodemus flavicollis

Laurentella latyshevi Schluger, 1955 — Shluger, E. G.; and Vysotskaia, S. O., 1970 a
Clethrionomys glareolus — Transcarpathian region

Lawrenceocarpus mimon sp. n. — Fain, A., 1970 c, 298
Mimon bennetti — Amazonie

Leeuwenhoekia americana — Allred, D. M., 1970 d
Dipodomys ordii — near Idaho Falls, Idaho

Leeuwenhoekia americana — Douglas, C. L., 1969 a, 493
Peromyscus maniculatus — Mesa Verde National Park, Colorado

Leeuwenhoekia major Schluger, 1955 — Mulîarskaîa, L. V.; et al., 1971 a
geographic and seasonal distribution — Western Azerbaĭdzhan

Leicomes gen. n. — Humes, A. G., 1971 a, 1330, 1336
Stellicomitidae — tod: L. monozotus sp. n.

Leicomes monozotus gen. n., sp. n. (tod) — Humes, A. G., 1971 a, 1330, 1335, 1336-1337, figs. 21-37
Leiaster speciosus — Pte. Ambarionaomby, Nosy Komba, Madagascar

Lemurphthirus stigmosus Ferris — Kim, K. C.; and Emerson, K. C., 1970 a, 395-396
Galago crassicaudatus — all from Mozamoique
G. senegalensis

Lepeophtheirus bifidus Fraser, 1920 — Kabata, Z., 1973 c
specimens of this species included in type material of Homoiotes palliata Wilson, 1905

Lepeophtheirus bonaci n. sp. — Pearse, A. S., [1953 c], 204-206, figs. 40-49
Mycteroperca bonaci (gills) — Alligator Harbor, Florida

Lepeophtheirus breviventris Fraser, 1920 — Kabata, Z., 1973 c
specimens of this species included in type material of Homoiotes palliata Wilson, 1905

Lepeophtheirus hippoglossi — O'Riordan, C. E., 1966 a
halibut — Ireland: Bills, Co. Galway

Lepeophtheirus hummi n. sp. — Pearse, A. S., [1953 c], 208-210, figs. 54-59
Paralichthys lethostigma (skin) — Alligator Harbor, Florida

Lepeophtheirus nordmanni Milne-Edwards — O'Riordan, C. E., 1966 a
Mola mola — Ireland: Achill Is.; Bantry Bay; Co. Antrim; Co. Donegal

Lepeophtheirus pectoralis (O.F.Müller) — O'Riordan, C. E., 1966 a
plaice (pectoral fins) — Ireland

Lepeophtheirus pravipes Wilson, 1912 — Kabata, Z., 1973 c
specimens of this species included in type material of Homoiotes palliata Wilson, 1905

Lepeophtheirus salmonis (Kröyer) — Berger, V. Ia., 1970 a
effect of salinity

Lepeophtheirus salmonis (Krøyer) — O'Riordan, C. E., 1966 a
Salmo trutta — Ireland

Lepeophtheirus thompsoni Baird — O'Riordan, C. E., 1966 a
Ireland: Dunmanus Bay

Lepeophtheirus unispinosus n. sp. — Pearse, A. S., [1953 c], 206-208, figs. 50-53
Galeichthys felis (gill) — Alligator Harbor, Florida

Lepidocheyla gracilis Volgin — Volgin, V. I., 1966 c, fig. 4
morphological peculiarities, ontogenetical development

Lepismatidae [sp.] — Burgess, N. R. H., 1971 a
man (ear) — Muharraq, Persian Gulf

Leporacarus g. n. — Fain, A., 1970 c, 277
Listrophoridae — tod: Listrophorus gibbus Pagenstecher, 1862

Leporacarus rhizomys sp. n. — Fain, A., 1970 c, 277
Rhizomys pruinosus — Nape, Laos

Leporacarus spalacis sp. n. — Fain, A., 1970 c, 277
Spalax monticola nehringi — Arménie

Leptinus americanus — Whitaker, J. O. (jr.); and Mumford, R. E., 1972 a
Blarina brevicauda — Indiana

Leptocimex Roubaud — Bernard, M. R., 1970 a
Cacodminae, key

Leptocimex boueti (Brumpt, 1910) — Bernard, M. E., 1970 a, figs. 1-2
male and female, redescriptions

Leptopsylla bidentata Kol. — Igolkin, N. I., 1960 a
Arvicola terrestris
Microtus oeconomus
Clethrionomys
[Apodemus agrarius]
[Micromys minutus]
[Mustela sibiricus]
all from Ob River shore

Leptopsylla segnis — Alaniia, I. I.; Dzneladze, M. T.; Rostigaev, B. A.; and Shiranovich, P. I., 1971 a
Rattus norvegicus
R. rattus
R. rattus alexandrinus
Mus musculus
Apodemus (Sylvimus) mystacinus
Microtus (Chionomus) roberti
Microtus (Pitymys) major
Apodemus (Sylvimus) sylvaticus
Sorex araneus
all from Adjarian ASSR

Leptopsylla segnis Schöncher — Alekseev, A. N.; Bibikova, V. A.; and Khrustselevskaia, N. M., 1969 a
bactericidal factor, plague microbes

Leptopsylla segnis — van Aswegen, P. I. M.; Hesse, P.; and Howell, C. J., 1971 a
laboratory animals, merkaptotion, trichlorfon, piretrum

Leptopsylla segnis (Schönherr) — Beaucournu, J. C., 1969 b
anomalies

Leptopsylla segnis — Berlinguer, G., 1964 a
Rattus rattus
Italy

Leptopsylla segnis (Schönherr) — Fairley, J. W., 1970 a
Mus musculus
Homo sapiens
all from Ireland

Leptopsylla segnis Schönch. — Iurgenson, I. A.; and Il'ina, S. V., 1970 a
standard cultivation, media

Leptopsylla segnis (Schönherr) — Layne, J. N., 1971 a
Florida

Leptopsylla segnis — Mahnert, V., 1972 a
infectivity, altitude, seasonal distribution
Apodemus sylvaticus
Tirol, Austria

Leptopsylla segnis — Murrell, D. K.; and Cates, M. D., 1970 a
seasonal periodicity, Rattus rattus tanezumi
Taiwan

Leptopsylla segnis — Peus, F., 1970 a
Crocidura leucodon
Microtus agrestis
M. arvalis
Arvicola terrestris
Apodemus flavicollis
A. sylvaticus
Mus musculus
Rattus rattus
R. norvegicus
Pitymys subterraneus
all from Germany

Leptopsylla segnis — Rifaat, M. A.; Mahdi, A. H.; and Arafa, M. S., 1969 b
Rattus rattus rattus
Rattus rattus alexandrinus
Rattus rattus frugivorus
Mus musculus
all from Egypt

Leptopsylla segnis (Schonherr) — Roberts, C. J., 1972 a
Apodemus sylvaticus
County Down, Great Britain

Leptopsylla segnis (Schönherr) — Romer, J. D., 1955 a
house-rats
Hong Kong

Leptopsylla silvatica Mein. — Igolkin, N. I., 1960 a
Arvicola terrestris
Microtus oeconomus
Clethrionomys
all from Ob River shore

Leptopsylla taschenbergi — Alaniia, I. I.; Dzneladze, M. T.; Rostigaev, B. A.; and Shiranovich, P. I., 1971 a
Cricetulus migratorius
Apodemus (Sylvimus) sylvaticus
all from Adjarian ASSR

Leptopsyllidae Baker, 1905 — Hopkins, G. H. E.; and Rothschild, M., 1971 a, 89-515

Leptotrombidium Nagayo, Miyagawa, Mitamura & Imamura, 1916 — Vercammen-Grandjean, P. H.; and Langston, R. L., 1971 a
includes subgenera: Leptotrombidium Nagayo, Miyagawa, Mitamura & Imamura, 1916; Intertrombidium n. subg.; Ericotrombidium Vercammen-Grandjean & André, 1966; Trombiculindus Radford, 1948

Leptotrombidium sp. — Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a
Mastomys natalensis
South Ghana

Leptotrombidium sp. A — Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a
Arvicanthis niloticus
East cantonment, South Ghana

Leptotrombidium sp. B — Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a
Arvicanthis niloticus
East cantonment, South Ghana

Leptotrombidium spp. — Traub, R.; and Wisseman, C.L. (jr.), 1968 a
vectors, scrub typhus ecological considerations

Leptotrombidium (L.) akamushi (Brumpt, 1910) — Traub, R.; and Wisseman, C.L. (jr.), 1968 a
vector, scrub typhus, ecological considerations

Leptotrombidium (L.) akamushi (Brumpt, 1910) — Traub, R.; and Wisseman, C.L. (jr.), 1968 c
scrub typhus vector, control, insecticides applied to ground and low-lying vegetation

Leptotrombidium (Leptotrombidium) akamushi — Upham, R. W. (jr.); et al., 1971 a
distribution on ground
West Malaysia

Leptotrombidium (L.) akamushi — Varma, R. N.; and Mahadevan, B., 1971 a, pl. 72 fig. 10
Rattus rattus rufescens
Bengdubi forest fringe, Siliguri, Darjeeling district, West Bengal, India

Leptotrombidium (Intertrombidium) angustatum — Vercammen-Grandjean, P. H.; and Langston, R. L., 1971 a
Feider, 1968 (tod of subgen.)

Leptotrombidium (Leptotrombidium) arenicola Traub — Rapmund, G.; Dohany, A. L.; Manikumaran, C.; and Chan, T. C., 1972 a
transovarial transmission of Rickettsia tsutsugamushi

Leptotrombidium (Leptotrombidium) arenicola — Upham, R. W. (jr.); et al., 1971 a
distribution on ground
West Malaysia

Leptotrombidium australis sp. n.
Tadarida laticaudata
Brennan, J. M., 1970 e, 807, 809, 81[illegible], fig. 4
Pedras Negras, Rondônia, Brazil

Lept trombidium Ericotr mbidium cosmetopode n. sp.
rat hole
Vercammen-Grandjean, P. H.; and Langston, R. L., 1971 b, 45[illegible], 452, 453, pl. II, figs. 1-7
Ulu Langat, Selangor, Malaysia

Leptotrombidium (L.) deliense
vector, scrub typhus, ecological considerations
Traub, R.; and Wisseman, C.L. (jr.), 1968 a

Leptotrombidium (L. deliense (Walch, 1922)
scrub typhus vector, control, insecticides applied to ground and low-lying vegetation
Traub, R.; and Wisseman, C.L. (jr.), 1968 c

Leptotrombidium Leptotrombidium deliense
distribution on ground
Upham, R. W. jr.); et al., 1971 a
West Malaysia

Leptotrombidium (L.) deliense
Rattus rattus brunneusculus
Varma, R. N.; and Mahadevan, B., 1971 a, pl. 77 fig. 9
Sevoke forest in Siliguri area, Darjeeling, West Bengal, India

Leptotrombidium dihumerale Traub et Radchatram, 1967
redescription
Rattus turkestanicus
Apodemus sylvaticus
Cricetulus migratorius
Alticola argentatus
Ochotona macrotis
Mustela nivalis
Shluger, E. G.; and Kudriashova, N. I., 1969 a, figs. 15-20
all from Tadzhikistan: Zapadnyĭ Pamir, Shugansk region

Leptotrombidium fuji
morphology, taxonomy, scanning electron microscopy
Sasa, M.; et al., 1971 a

Leptotrombidium fulleri (Ewing, 1945)
key, redescription
Apodemus sylvaticus
Cricetulus migratorius
Microtus transcaspicus
Shluger, E. G.; and Amanguliev, A., 1972 a, fig. 3A
all from Turkmen SSR

Leptotrombidium (Leptotrombidium) furcagaleala n. sp.
Dendrogale melanura
Dendromys everetti
Helictis sp.
Hylomys suillus
Rattus alticola
R. rattus ssp.
R. whiteheadi
Tupaia montana
Vercammen-Grandjean, P. H.; and Langston, R. L., 1971 b, 450-451, 453, pl. I, figs. 1-6
all from Sabah, East Malaysia

Leptotrombidium (Leptotrombidium) hamaxiaium n. comb. and [n. grad.]
Syn.: Trombicula (Leptotrombidium) panamensis hamaxiaia Brennan & Dalmat, 1960
Vercammen-Grandjean, P. H.; and Langston, R. L., 1971 a, 446

Leptotrombidium hasei Feider, 1958
Lacerta tiliguerta
Beron, P., 1971 a
Sorio, Corse, France

Leptotrombidium (Leptotrombidium) intermedium (Nagayo et al., 1920)
soil and litter samples
Goff, N. L., 1971 a
Pearl and Hermes Atoll

Leptotrombidium intermedia
salivary glands, anatomy, histology
Voigt, B., 1971 a

Leptotrombidium kitasatoi
morphology, taxonomy, scanning electron microscopy
Sasa, M.; et al., 1971 a

Leptotrombidium latus sp.n.
Rattus turkestanicus
Apodemus sylvaticus
Cricetulus migratorius
Alticola argentatus
Ochotona macrotis
Shluger, E. G.; and Kudriashova, N. I., 1969 a, 115, 119, 120, figs. 21-27
all from Tadzhikistan: Zapadnyĭ Pamir, Shugansk region

Leptotrombidium mordax sp. n.
key
Apodemus sylvaticus
Calomyscus bailwardi [Soricidae]
Shluger, E. G.; and Amanguliev, A., 1972 a, 42, 47-48, fig. 3B
all from West Kopetdag, Turkmen SSR

Leptotrombidium myotis (Ewing)
Peromyscus leucopus
Pitymys pinetorum
Manischewitz, J. R., 1966 a
all from New Jersey

Leptotrombidium myzantha
birds
Doherty, R.L.; et al., 1971 a
Mitchell River, Queensland

Leptotrombidium noxium sp. n.
key
Apodemus sylvaticus
Cricetulus migratorius
Shluger, E. G.; and Amanguliev, A., 1972 a, 42, 47, 48-49, fig. 3V
all from Turkmen SSR (Firiuzinsk canyon)

Leptotrombidium panamensis (Ewing)
Liomys irroratus texensis
Eads, R. B.; Treviño, H. A.; and Campos, E. G., 1965 a
Cameron County, Texas

Leptotrombidium (L.) panamense (Ewing)
Heteromys gaumeri
Ototylomys phyllotis phyllotis
Columba flavirostris flavirostris
Sigmodon hispidus microdon
Orthogeomys hispidus yucatanensis
Loomis, R. B., 1969 a
all from Yucatan Peninsula, Mexico

Leptotrombidium russicum Oudemans, 1902
Apodemus flavicollis
Shluger, E. G.; and Vysotskaia, S. O., 1970 a
Transcarpathian region

Leptotrombidium (Leptotrombidium) russicum (Oudemans, 1902)
Pipistrellus pipistrellus
Sixl, W.; and Daniel, M., 1971 a
Osterreich

Leptotrombidium scutellare
morphology, taxonomy, scanning electron microscopy
Sasa, M.; et al., 1971 a

Leptotrombidium silvaticum Hushcha et Schluger, 1967
Glis glis
Muscardinus avellanarius
Rattus norvegicus
Apodemus agrarius
A. sylvaticus
A. flavicollis
Clethrionomys glareolus
Microtus arvalis
Shluger, E. G.; and Vysotskaia, S. O., 1970 a
all from Transcarpathian region

Leptus autumnalis
Lepus europaeus
Schweizer, R., 1949 a
Switzerland

Lernaea sp.
Bromex-50, carp
Lahav, M.; Sarig, S.; and Shilo, M., 1966 a

Lernaea argentinensis sp. nov.
Pseudoplatystoma coruscans (cámara branquial, opérculos)
P. fasciatum " "
Paggi, J. C., 1972 a, 35, 36-40, pl. 1, figs. 1-13
all from Middle Parana River

Lernaea barnimiana (Hartman) — Fryer, G., 1965 c
- Tylochromis sp. — Lake Mweru
- Barbus altianalis — Lake Edward
- Haplochromis nubilus — " "
- Haplochromis sp. — " "

Lernaea bistricornis Harding ? — Fryer, G., 1965 c
- Boulengerochromis microlepis (base of pectoral fin) — Lake Tanganyika

Lernaea ctenopharyngodonis — Musselius, V. A., 1969 a
- Ctenopharyngodon idella — European USSR

Lernaea ctenopharyngodonis Yin, 1960 — Osmanov, S. O., 1971 a, 242

Lernaea cyprinacea — Babaev, B., 1969 a
- fish disease — Karakum canal

Lernaea cyprinacea (Linnaeus 1761) — Bravi, M.V.; and Testi, F.[2], 1970 a
- Cyprinus carpio var. spicularis

Lernaea cyprinacea (L.) — Burris, K. W.; and Miller, G. C., 1972 a
- Lepomis gibbosus
- L. macrochirus
- Micropterus salmoides
- Notemigonus crysoleucas

all from North Carolina

Lernaea cyprinacea L. ? — Fryer, G., 1965 c
- Bagrus docmac (gills) — Lake Edward

Lernaea cyprinacea — Musselius, V. A., 1969 a
- Ctenopharyngodon idella
- Hypophthalmichthys molitrix
- Aristichthys nobilis

all from European USSR

Lernaea cyprinacea Linné, 1758 — Osmanov, S. O., 1971 a, 241, fig.
- Rutilus rutilus
- Leuciscus lehmanni
- Scardinius erythrophthalmus
- Tinca tinca
- Gobio gobio lepidolaemus
- Varicorhinus capoëta heratensis n. steindachneri
- Barbus capito conocephalus
- Schizothorax intermedius
- Chalcalburnus chalcoides aralensis
- Alburnoides bipunctatus eichwaldi
- A. taeniatus
- Capoetobrama kuschakewitschi
- Carassius auratus gibelio
- Cyprinus carpio
- Nemachilus stoliczkai
- N. malapterurus longicopula
- Cobitis aurata aralensis
- Silurus glanis
- Gambusia affinis holbrookii
- Perca fluviatilis

all from Uzbekistan

Lernaea cyprinacea L. — Tidd, W. M., 1970 a
- experimental transfer of fifth-copepodid larvae from goldfish to newly metamorphosed Rana pipiens
- Rana clamitans
- Lepomis macrochirus
- Rana pipiens (exper.)
- Carassius auratus (exper.)

all from Olentangy River, near Columbus, Ohio

Lernaea cyprinacea — Tomnatik, E.N.; and Esinenko-Marits, N. M., 1968 a
- Carassius
- Cyprinus carpio

all from Moldavian reservoirs

Lernaea cyprinacea elegans (Leigh-Sharpe), 1925 — Ho, J., 1961 a, figs.
- corresponds to Harding's Japanese form
- Cyprinus carpio
- Carassius auratus

all from Taiwan

Lernaea esocina Burmeister, 1833 — Osmanov, S. O., 1971 a, 241
- Esox lucius
- Aspius aspius
- Cyprinus carpio

all from Uzbekistan

Lernaea hesaragattensis sp. nov. — Srinivasachar, H. R.; and Sundarabai, A., 1971 a, 453-455, figs. 1-5
- Lebistes reticulatus (pectoral, anal, ventral, caudal and dorsal fins, ventral region)

Hesaragatta (15 miles from Bangalore)

Lernaea parasiluri Yü, 1938 — Ho, J., 1961 a, figs.
- description, variation
- Hypophthalmichthys molitrix
- H. nobilis
- Pararasbora moltrechti

all from Taiwan

Lernaea pomotidis Krøyer, 1863 — Burris, K. W.; and Miller, G. C., 1972 a
- Centrarchus macropterus
- Lepomis macrochirus

all from North Carolina

Lernaeenicus — Kabata, Z., 1972 a
- Lernaeoceridae, key

Lernaeenicus ater sp. nov. — Shiino, S. M., 1958 e, 88-92, figs. 8-9
- Apogon lineatus

Owase, Mie Prefecture

Lernaeenicus encrasicola (Turton) — O'Riordan, C. E., 1966 a
- sprat

northern coast of Ireland

Lernaeenicus medusaeus Wilson, 1908 — Shiino, S. M., 1958 e, 75
- as syn. of Cardiodectes medusaeus (Wilson), 1908

Lernaeenicus radiatus — Guthrie, J.F.; and Kroger, R. L., 1974 a
- schooling habits of parasitized menhaden

Lernaeenicus ramosus Kirtisinghe, 1956 — Shiino, S. M., 1958 e, 84-88, figs., pl.
- Epinepherus tsirimenaria
- E. akaara

Seto, Wakayama Prefecture
Momotori, Mie Prefecture

Lernaeenicus sprattae (Sowerby) — O'Riordan, C. E., 1966 a
- sprat (eye; body)

Ireland

Lernaeocera — Kabata, Z., 1972 a
- Lernaeoceridae, key

Lernaeocera branchialis (L.) — O'Riordan, C. E., 1966 a
- cod
- haddock

all from Ireland

Lernaeocera branchialis — Shotter, R. A., 1973 a
- age and sex of host, seasonal distribution, comparison of areas near Isle of Man, Odontogadus merlangus

Lernaeoceridae — Kabata, Z., 1972 a, 320-321
- key to genera
- includes: Lernaeocera; Lernaeolophus; Haemobaphes; Trifur; Allotrifur; Impexus; Phrixocephalus; Creopelates; Pennella; Peniculisa; Ophiolernaea; Peroderma; Peniculus; Cardiodectes; Lernaeenicus; Sarcotretes

Lernaeolophus — Kabata, Z., 1972 a
- Lernaeoceridae, key

Lernaeopoda bidiscalis Kane 1892 — Kabata, Z.; and Cousens, B., 1972 a, fig.
- structure, attachment organ

Lernaeopoda bidiscalis W.F. de V. Kane — O'Riordan, C. E., 1966 a
- Eugaleus galeus

Valentia, Ireland

Lernaeopoda galei Krøyer
Scyllium (claspers)
Eugaleus galeus
O'Riordan, C. E., 1966 a
Ireland
Ireland: Valentia

Lernaeopodidae [sp.]
Sukhenko, G. E.; and Polishchuk, V. V., 1969 a
Katlabukh estuary

Lernaeopodina cluthae (T. Scott 1901)
structure, attachment organ
Kabata, Z.; and Cousens, B., 1972 a, fig.

Lernanthropus amplitergum Pearse
Lagodon rhomboides (gills)
Haemulon plumieri
H. sciurus
Pearse, A. S., [1953 c]
all from Alligator Harbor, Florida

Lernanthropus brevoortae Rathbun
Brevoortia tyrannus (gill)
B. patronus
Pearse, A. S., [1953 c]
all from Alligator Harbor, Florida

Lernanthropus caranxi (Nobis)
Caranx hrachurus (branchies)
Hesse, E., 1878 c, 8-11, pl. II, figs. 1-7

Lernanthropus gisleri (van Beneden)
description of male
Sciena aquila (branchies)
Hesse, E., 1877 a, pl. 4, figs. 1-15

Lernanthropus hirsutus n. sp.
Haemulon plumieri (gill)
Pearse, A. S., [1953 c], 214-215, figs. 66-72
Alligator Harbor, Florida

Lernanthropus kroyeri (van Beneden)
description of male
Lupus labrax (branchies)
Hesse, E., 1878 c, pl. 1, figs. 1-22

Lernanthropus leidyi Wilson
Bairdella chrysura
Pearse, A. S., [1953 c]
Alligator Harbor, Florida

Lernanthropus longilamina Pearse
Chaetodipterus faber (gill)
Pearse, A. S., [1953 c]
Alligator Harbor, Florida

Lernanthropus togatus sp.n.
Gaterin sp. (gills)
Kabata, Z., 1971 a, 157-160, figs. 1-11
off the Kenya coast, 25 miles north of Mombasa

Lernanthropus wilsoni n. sp.
Mycteroperca bonaci (gills)
Pearse, A. S., [1953 c], 216-217, fig. 73
Alligator Harbor, Florida

Leucothoe spinicarpa (Albidaard [i.e. Abildgaard])
Styelia plicata
Molgula occidentalis
Dasyatis sabina
Pearse, A. S., [1953 c]
Alligator Harbor, Florida, all from

Libyastus dubosti sp. nova
Graphiurus crassicaudatus
Beaucournu, J. C., 1966 d, 396, 397-399, figs. 5-8
Belinga, Gabon

Libyastus notabilis
Aethosciurus poensis
Oenomys hypoxanthus
Beaucournu, J. C., 1966 d
all from Gabon

Lice. [See also Anoplura; Mallophaga]

Lice
control, caged layers
Angstrom, C. I., 1971 a

Lice
handbook on parasitic insects
Askew, R. R., 1971 a

Lice
Lazin, buffalo calves, poultry, canines, no side effects
Chowdary, Ch., 1972 a

Lice
insecticides, hogs
Cutkomp, L. K.; and Solac, R. B., 1971 a

Lice
Rattus sordidus conatus
Doherty, R.L.; et al., 1971 a
Mitchell River, Queensland

Lice
Borrelia passaged in body lice, produces typical tick relapsing fever
Favorova, L. A.; Chernyshova, T. F.; and Mikhaĭlov, A. K., 1971 a

Lice
man, bites, stings, dermatitis, clinical review, differential diagnosis
Frazier, C. A., 1968 a

Lice
rodent survey, typhus carriers
Imam, I. Z. E.; and Megied, S. A., 1966 a
Egypt

Lice
human, treatment, review
Ive, F. A., 1973 a

Lice
insecticides, hogs
Jones, B. F.; and Barnes, G., 1972 a

Lice, unidentified
Falco peregrinus annatum
Neophron percnopterus
Keymer, I. F., 1972 a

Lice
laboratory host for Rickettsia prowazekii
Kryński, S.; and Becla, E., 1964 b

Lice
Yersinia enterocolitica, intrarectal inoculation, transmission
Kryński, S.; Mollaret, H. H.; and Becla, E., 1966 a

Lice
odour-preference determination, human head lice
Maunder, J. W., 1971 a

Lice
insecticides, dairy and beef cattle, horses, sheep, goats, poultry, swine
Miller, J. P., 1971 a

Lice
insecticides, hog
Nolan, M. P. (jr.), 1971 a

Lice
guide, control, pigs
Norrish, J. G.; and Oliver, P. G., 1970 a

Lice
insecticides, dairy cattle
Ontario Live Stock Pesticide Sub-Committee, 1971 a

Lice
insecticides, beef cattle
Ontario Live Stock Pesticide Sub-Committee, 1971 b

Lice
insecticides, poultry
Ontario Live Stock Pesticide Sub-Committee, 1971 d

Lice
small outbreak of typhus
Sezi, C. L.; Nnochiri, E.; Nsanzumuhire, E.; and Buttner, D., 1972 a
Masaka District, Uganda

Lice
human, Mobam, Abate and malathion powders
Steinberg, M.; Cole, M. M.; Miller, T. A.; and Godke, R. A., 1972 a
Republic of Korea, Army Disciplinary Center

Lice
wild mammals, review
Turner, E. C., (jr.), 1971 b, figs.

Lichomolgus arenicolus, Brady
Syn.: Boeckia arenicola, Brady
Brady, G. S., 1880 a, pl. LXXXVII, figs. 1-7
British Isles

Lichomolgus forficula, Thorell — Brady, G. S., 1880 a, 50-52, pl. LXXXV, figs. 12-16; pl. LXXXVI, figs. 14-18
Mulroy Lough, Donegal

Lichomolgus fucicolus, Brady
Syn.: Macrocheiron fucicolum, Brady — Brady, G. S., 1880 a, 41-44, pl. LXXXV, figs. 1-11
British Isles

Lichomolgus furcillatus, Thorell
Corella parallelogramma (branchial sac) — Brady, G. S., 1880 a, 49-50, pl. LXXXVIII, figs. 10-14
Roundstone Bay, Westport Bay, Lough Swilly, Mulroy Lough (Donegal)

Lichomolgus liber, Brady and Robertson — Brady, G. S., 1880 a, 44-46, pl. LXXXVI, figs. 1-13
British Isles

Lichomolgus thorellii, Brady and Robertson — Brady, G. S., 1880 a, 47-49 pl. LXXXVIII, figs. 1-9
British Isles

Lichothuria mandibularis Shiek, 1968
redescription
Holothuria scabra
Argiodia nobilis
Holothuria aff. fuscopunctata
Ludwigothuria atra — Humes, A. G.; and Ho, J.-S., 1969 a, figs. 27-32
all from vicinity of Nosy Bé in northwestern Madagascar

Linguatula nuttalli
redescription, lesions
Bubalus (Syncerus) caffer (appareil circulatoire)
Adenota kob
Kobus defassa
Tragelaphus scriptus — Graber, M.; Euzeby, J. A.; Troncy, P. M.; and Thal, J., 1972 a, figs.
all from Central Africa

Linguatula serrata
human (mesenteric lymph node) — Ali-Khan, Z.; and Bowmer, E. J., 1972 a
Canada (emigrated from Hungary in 1957)

Linguatula serrata
human, radiographic diagnosis — Chartres, J. C., 1965 a

Linguatula serrata
occasional human parasite, case reports — Cowper, S. G., 1967 a
Nigeria

Linguatula serrata
incidence
dogs, mongrel — Khalil, G. M., 1970 a
Cairo

Linguatula serrata
parasite of humans and domestic animals, clinical aspects, pathology, epidemiology, review — Khalil, G. M., 1972 c
Egypt and surrounding areas

Linguatula serrata
pathological changes, lung, liver and lymph nodes, goats — Krishna, L.; Charan, K.; and Paliwal, O. P., 1973 a

Linguatula serrata (Frölich, 1789)
Paephagus [sic] mutus — Mukhamadiev, S. A., [1972 a]
Oshsk oblast, Kirgiz SSR

Linguatula serrata
man (eye) — Royer, J.[2]; Rollin, J.P.; Gainet, F.; and Rousse, C., 1970 a
Besaçon, France

Linguatula serrata
Lepus europaeus — Schantz, P. M.; Lord, R. D.; and de Zavaleta, O., 1972 a
Province of Neuquén, Argentina

Linguatula serrata
Hystrix leucura (liver, lungs, heart)
[Bos taurus] (liver, small intestine) — Starkoff, O. A.; Mukhamadiev, S. A.; and Turaev, A. K., 1971 a
all from Tadzhikistan

Linguatula serrata
Sylvilagus floridanus mallurus — Stringer, R. P.; Harkema, R.; and Miller, G. C., 1969 a
North Carolina

Linguatula serrata
lièvres — Varela, M. C., 1971 a
Portugal

Linognathus sp.
Redunca arundinum
Tragelaphus strepsiceros — Kim, K. C.; and Emerson, K. C., 1970 a, 412
all from Mozambique

Linognathus africanus
goat — Mustaffa-Babjee, A., 1969 a
Malaysia

Linognathus breviceps (Piaget)
transmission by Chrysogaster — Pajot, F.-X.; and Germain, M., 1971 a

Linognathus kimi Van der Merwe, 1968
Raphicerus melanotis — Kim, K. C.; and Emerson, K. C., 1970 a, 411
Mozambique

Linognathus limnotragi Cummings
Tragelaphus scriptus — Kim, K. C.; and Emerson, K. C., 1970 a, 411
Mozambique

Linognathus nesotragi Van der Merwe
Nesotragus moschatus — Kim, K. C.; and Emerson, K. C., 1970 a, 411
Mozambique

Linognathus nevilli n.sp.
Aepyceros melampus (feet) — Ledger, J. A., 1973 a, 125-129, figs. 1-5
Loskop Dam Nature Reserve, Transvaal

Linognathus pedalis
vector, Rickettsia burneti — Imam, I. Z. E.; Megied, S. A.; and Alfy, L., 1967 a
Amria, Egypt

Linognathus pedalis
insecticides, sheep, goats — Ontario Live Stock Pesticide Sub-Committee, 1971 c

Linognathus pedalis (Osborn)
Ovis aries — Spencer, G. J., 1966 a
British Columbia

Linognathus setosus
Karbatox, domestic animals — Patyk, S.; Jasek, K.; and Buchalski, L., 1970 a

Linognathus setosus
dogs — Persson, L., 1973 a
Sweden

Linognathus setosus (von Olfers)
Canis — Spencer, G. J., 1966 a
British Columbia

Linognathus stenopsis
vector, Rickettsia burneti — Imam, I. Z. E.; Megied, S. A.; and Alfy, L., 1967 a
Amria, Egypt

Linognathus stenopsis (Burmeister)
Capra — Spencer, G. J., 1966 a
British Columbia

Linognathus stenopsis
Neguvon, Angora goats — Stampa, S., 1964 b

Linognathus vituli
Dursban, cattle — Buchanan, R. S.; and Coles, P. G., 1971 a, figs.

Linognathus vituli
Rovan, Tiguvon, Warbex, pour-on, Friesian calves — Kettle, P. R., 1972 a

Linognathus vituli
incidence
cattle — Kim, S. K., 1968 b
Korea

Linognathus vituli
cattle
Mustaffa-Babjee, A., 1969 a
Malaysia

Linognathus vituli
Karbatox, domestic animals
Patyk, S.; Jasek, K.; and Buchalski, L., 1970 a

Linognathus vituli
treatment, cattle
Ryan, A. F., 1971 a, fig.
Tasmania

Linognathus vituli
Ruelene 12R, cattle
Scharff, D. K.; McGregor, W. S.; and Ludwig, P. D., 1972 a

Linognathus vituli (Linnaeus)
Bos taurus
Spencer, G. J., 1966 a
British Columbia

Linognathus vituli
Sevin, Asuntol, Gamatox sprays, cattle
Yagi, A. I.; Osman, O. M.; and Abdel Rahman, O., 1971 a

Linognathus zumpti Fielder and Stampa, 1958
Sylvicapra grimmia
Kim, K. C.; and Emerson, K. C., 1970 a, 412
Mozambique

Lipeurus spp.
chicken
Rafyi, A.; Alavi, A.; and Rak, H., 1969 b, fig.
Iran

Lipeurus caponis
Sumithion, poultry
Hegde, K. S.; Rahman, S. A.; Rajasekariah, G. R.; and Gowda, R. N. S., 1972 a

Lipeurus caponis
poultry
Mustaffa-Babjee, A., 1969 a
Malaysia

Lipeurus caponis
chicken
Rafyi, A.; Alavi, A.; and Rak, H., 1969 b, fig.
Iran

Lipeurus fimbriatus Clay
Elbel, R. E.; and Price, R. D., 1970 a, figs. 5-6

Lipeurus heterographus
chicken
Rafyi, A.; Alavi, A.; and Rak, H., 1969 b, fig.
Iran

Lipeurus lewisi n. sp.
Caloperdix o. oculea
Elbel, R. E.; and Price, R. D., 1970 a, 238,239,241, figs. 1-4
Malay Peninsula

Lipeurus secretarius Giebel
Tendeiro, J., 1958 f, 238
as syn. of Falcolipeurus secretarius (Giebel)

Lipeurus volsellus Ewing
Emerson, K. C., 1960 f
as syn. of Oxylipeurus volsellus (Ewing, 1930) [n. comb.]

Liponyssoides muris
Rattus rattus
Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a
Tema periphery, Achimota, South Ghana

Liponyssus heterotarsus Vitzthum, 1925 (=Manisicola africana Lawrence, 1939)
Smutsia temmincki
Radovsky, F. J.; and Yunker, C. E., 1971 a
South Africa

Lipoptena Nitzsch, 1818
Syns.: Haemobora Curtis, 1824; Ornithobia Meigen, 1830; Alcephagus Gimmerthal, 1845; Echestypus Speiser, 1907; Lipoptenella Bequaert, 1942
Vanschuytbroeck, R., 1968 a, 16

Lipoptena capreoli Rondani, 1878
Vanschuytbroeck, P., 1968 a, 17
Catano

Lipoptena cervi
lièvres
Bouvier, G.; Burgisser, H.; and Schneider, P. A., 1962 a
Suisse

Lipoptena cervi
Odocoileus virginianus
Kellogg, F. E.; Kistner, T. P.; Strickland, R. K.; and Gerrish, R. R., 1971 a
West Virginia

Lipoptena cervi
Cervus elaphus
Páv, J.; and Zajíček, D., 1971 b
Květov

Lipoptena cervi
Capreolus capreolus
Schweizer, R., 1949 a
Switzerland

Lipoptena cervi
roe deer
Valentinčič, S.; Brglez, J.; and Dolžan, J., 1971 a

Lipoptena cervi Linné 1758
synonymy
Vanschuytbroeck, P., 1968 a, 17
Congo; Abruzzes; Allemagne; Belgique

Lipoptena mazamae
Odocoileus virginianus
Davis, J. W., 1973 a
east Texas

Lipoptena mazamae
Odocoileus virginianus
Kellogg, F. E.; Kistner, T. P.; Strickland, R. K.; and Gerrish, R. R., 1971 a
Florida; Georgia; Louisiana; South Carolina

Lipoptena mazamae Rondani, 1878
Odocoileus virginianus
Samuel, W. M.; and Trainer, D. O., 1972 a
Welder Wildlife Refuge, south Texas

Lipoptena paradoxa Newstead, 1907
Syn.: Echestypus parvipalpis Speiser, 1908
Vanschuytbroeck, P., 1968 a, 18

Lipoptenella Bequeart, 1942
as syn. of Lipoptena Nitzsch, 1818
Vanschuytbroeck, R., 1968 a, 16

Lipopteninae (Speiser, 1908)
Syn.: Melophaginae Bezzi, 1915; Bequaert, 1942
Vanschuytbroeck, R., 1968 a, 16 (Maa, 1963)

Listrocarpus g. n.
Listrophoridae; Atopomelinae
Fain, A., 1967 p, 378
tod: L. lagothrix sp. n.

Listrocarpus cosgrovei sp. n.
Callimico goeldii
tamarins
Fain, A., 1967 p, 379
all orig. from Amérique du Sud

Listrocarpus hapalei sp. n.
Hapale jacchus (poils)
Fain, A., 1967 p, 379-380
mort au Zoo d'Anvers

Listrocarpus lagothrix g. n., sp. n. (tod)
Lagothrix infumatus (poils)
Fain, A., 1967 p, 378, 379
orig. d'Amérique du Sud, mort au Zoo d'Anvers

Listrocarpus saimirii sp. n
Saimiri sciurea (poils)
Fain, A., 1967 p, 379
mort au Zoo d'Anvers

Listrophoridae [spp.]
Arvicanthis niloticus
Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a
East cantonment, South Ghana

Cricetomys gambianus
Tema periphery, South Ghana

Tatera kempi
East cantonment, South Ghana

Rattus rattus
Accra town area, South Ghana

Listrophoroides schoutedeni sp. n.
Galago demidovi phasma (pattes)
Fain, A., 1967 p, 380
Luluabourg and Congo

Listrophorus
key to species
Coffee, G. M., 1971 b
Ethiopian region

Listrophorus sp.
Chordeiles minor
Dipodomys ordii
Peromyscus maniculatus
— Allred, D. M., 1970 d
all from near Idaho Falls, Idaho

Listrophorus n. sp.
Liomys irroratus texensis
— Eads, R. B.; Treviño, H. A.; and Campos, E. G., 1965 a
Cameron County, Texas

Listrophorus sp.
Geomys bursarius illinoensis
— Tuszynski, R. C.; and Whitaker, J. O. (jr.), 1972 a
Indiana

Listrophorus argentinus Hirst, 1921
to Prolistrophorus g. n. [comb. indicated, not made]
— Fain, A., 1970 c, 280

Listrophorus bakeri
Sigmodon hispidus
collection, modified washing technique
— Henry, L. G.; and McKeever, S., 1971 a
southeastern Georgia

Listrophorus bothae Hirst
key
Tatera brantsi
T. afra
T. valida
T. leucogaster
Saccostomys campestris
Aethomys chrysophilus
Oenomys hypoxanthus
Gerbillus paeba
— Coffee, G. M., 1971 b, figs.
Zululand; Orange Free State
Groenpunt, Cape Province
Uganda
Transvaal; Zululand
Transvaal; Cape Province
Transvaal; Natal
Congo
Cape Province

Listrophorus brevipes H. Dubinina, 1968
Clethrionomys glareolus
— Beron, P., 1971 a
France

Listrophorus dipodomius Radford, 1953
to Geomylichus g. n. [comb. indicated, not made]
— Fain, A., 1970 c, 282

Listrophorus genettus Radford
key
+Genetta sp.
— Coffee, G. M., 1971 b, figs.
Rutshuru, Congo

Listrophorus gibbus Pagenstecher
key
domestic rabbit
— Coffee, G. M., 1971 b, figs.
Transvaal; Natal

Listrophorus gibbus (Pagenstecher, 1867)
Oryctolagus cuniculus
— de la Cruz, J., 1971 a
Cuba

Listrophorus gibbus Pagenstecher, 1862
to Leporacarus g. n. [comb. indicated, not made]
— Fain, A., 1970 c, 277

Listrophorus gibbus
Oryctolagus cuniculus
— Mead Briggs, A. R.; and Hughes, A. M., 1966 a
localities throughout Great Britain

Listrophorus gibbus
Oryctolagus cuniculus
— Weisbroth, S. H.; and Scher, S., 1971 c, figs.
commercial rabbitries, Suffolk County, (Long Island), New York

Listrophorus hydropathicus (nom. nud.) Dubinin i Karpovich, 1958
as syn. of Lynxacarus dubinini sp. n.
— Dubinina, E. V., 1969 a, 443

Listrophorus leporicolus Lawrence
key
Lepus saxatilis
Pronolagus crassicaudatus
Lepus capensis
— Coffee, G. M., 1971 b, figs.
Pietermaritzburg, Natal; Mozambique
Natal
Transvaal; Natal

Listrophorus lophuromys Radford
key
Lophuromys sikapusi
L. flavopunctatus
— Coffee, G. M., 1971 b, figs.
Sierra Leone
Uganda

Listrophorus lophuromys Radford, 1940
to Afrolistrophorus g. n. (tod)
— Fain, A., 1970 c, 282 [comb. indicated, not made]

Listrophorus meridionalis sp. n.
Arvicola terrestris musignani
— Fain, A., 1970 c, 273
Montpellier, France

Listrophorus mexicanus sp. n.
Microtus mexicanus
— Fain, A., 1970 c, 274
Mexico

Listrophorus mustelae Mégnin, 1885
Mustela nivalis
— Beron, P., 1971 a
France

Listrophorus pagenstecheri Haller, 1880
to Metalistrophorus g. n. [comb. indicated, not made]
— Fain, A., 1970 c, 278

Listrophorus pagenstecheri
Sciurus vulgaris
— Mehl, R., 1971 a, figs.
Norway

Listrophorus sparsilineatus sp. n.
Peromyscus g. gossypinus
— Fain, A., 1970 c, 274
U. S. A.

Listrophorus suncus Radford, 1947
to Asiochirus g. n. [comb. indicated, not made] (tod)
— Fain, A., 1970 c, 275

Listrophorus tachyoryctes sp. nov.
key
Tachyoryctes splendens
— Coffee, G.M., 1971 b, 473-474, 475, figs. 11-12
Nairobi district, Kenya

Listropoda Kolenati, 1857
as syn. of Nycteribia s. str. Theodor, 1954
— Vanschuytbroeck, R., 1968 a, 20

Listropsylla agrippinae
laboratory animals, merkaptotion, trichlorfon, piretrum
— van Aswegen, P. I. M.; Hesse, P.; and Howell, C. J., 1971 a

Listropsyllinae
Hystrichopsyllidae, key
— Hopkins, G. H. E.; and Rothschild, M., 1966 a, 9, 57

Livoneca californica Schioedte and Meinert, 1884
Leuresthes tenuis (gill chambers)
— Olson, A. C. (jr.), 1972 a
Coronado Strand and San Diego Bay

Lomanoticola n. gen.
— Scott, T.; and Scott, A., 1895 a, 360
mt: L. insolens n. sp.

Lomanoticola insolens gen. et sp. n. (mt)
Lomanotus genei
— Scott, T.; and Scott, A., 1895 a, 360-361, 362, pl. XVII, figs. 1, 2
Valentia Harbour, Ireland

Lone Star tick. See [Amblyomma americanum]

Loomisia gen. n.
Trombiculidae; Trombiculinae
key to species
— Brennan, J. M.; and Reed, J. T., 1972 a, 796
tod: L. desmodus (Brennan and Dalmat, 1960) comb. n.

Loomisia alcithoae sp. n.
key
Carollia sp.
— Brennan, J.M.; and Reed, J.T., 1972 a, 796, 797-798, fig. 1
Venezuela, Barinas, Altamira, La Bellaca

Loomisia bulbocalcar sp. n. — Brennan, J. M.; and Reed, J. T., 1972 a, 796, 797, 798, fig. 2
key
Peropteryx kappleri — Carabobo, Venezuela
P. macrotis — Carabobo and Yaracuy, Venezuela
Monodelphis brevicaudata — Carabobo, Venezuela

Loomisia desmodus (Brennan and Dalmat) comb. n. (tod) — Brennan, J.M.; and Reed, J.T., 1972 a, 796, 798-800, fig. 4
key
Syn.: Euschöengastia desmodus Brennan and Dalmat, 1960
Carollia sp. — all from Venezuela
Glossophaga soricina
Carollia subrufa
Carollia perspicillata
Peropteryx kappleri
Saccopteryx bilineata
Glossophaga longirostris
Peropteryx macrotis
Anoura geoffroyi
Desmodus rotundus
Lonchophylla robusta
Sturnira lilium

Loomisia sprocssi (Brennan) comb. n. — Brennan, J.M.; and Reed, J.T., 1972 a, 796, 800
key
Syn.: Trombicula sprocssi Brennan, 1965

Loomisia univari (Brennan) comb. n. — Brennan, J.M.; and Reed, J.T., 1972 a, 797, 800
key
Syn.: Trombicula univari Brennan, 1960
Pipistrellus hesperus — Mercury, Nevada

Loomisia yunkeri sp. n. — Brennan, J. M.; and Reed, J. T., 1972 a, 796, 797, 798, 799, fig. 3
key
Peropteryx kappleri — Bolivar near Icabarú, Venezuela
P. macrotis — near Icabarú, Venezuela
Cormura brevirostris — near Icabarú "
Carollia sp. — Barinas near Altamira, Venezuela

Lorillatum Nadchatram, 1963, new status — Vercammen-Grandjean, P. H.; and Langston, R. L., 1971 a, 447
tod: Trombicula flagellifera Traub & Audy, 1954

Lorillatum panitae (Nadchatram & Traub, 1964) [n. comb.] — Vercammen-Grandjean, P. H.; and Langston, R. L., 1971 a, 447

Loxaspis Rothschild — Bernard, M. R., 1970 a
Cacodminae, key

Loxothylacus texanus — Christmas, J. Y., 1969 a
Callinectes sapidus

Loxocephalus [?i.e., Loxothylacus] texanus Boschma — Pearse, A. S., [1953 c]
Callinectes sapidus (abdomen) — Alligator Harbor, Florida

Lucilia — Pérez Fontana, V.; and Severino Brea, R., 1967 a
echinococcosis, possible vectors

Lucilia — Schumann, H., 1971 a
key to species — Mitteleuropa
includes: Lucilia regalis, L. sericata, L. pilosiventris, L. richardsi, L. silvarum, L. bufonivora, L. illustris, L. caesar, L. ampullacea

Lucilia — Shepard, J. H., 1971 a
phenetic analysis

Lucilia caesar — Okulov, V. P., 1969 a
Crimean ASSR (Feodosia and its surroundings)

Lucilia caesar — Wetzel, H.; and Fischer, P., 1971 a, figs.
myiasis
dog

Lucilia cuprina — Australia. Commonwealth Scientific and Industrial Research Organization, 1970 a
insecticide resistance, control, review

Lucilia cuprina — Beattie, G.A.C.; Bořkovec, A. B.; and McDonald, F.J.D., 1972 a
chemosterilization

Lucilia cuprina — Campbell, A. J.; and Birt, L. M., 1972 a
α-glycerophosphate dehydrogenase activity, during life cycle

Lucilia cuprina — Filshie, B. K., 1970 a, figs.
fine structure, development, larval cuticle

Lucilia cuprina (Wied) — Roxburgh, N. A.; and Shanahan. G. J., 1973 a
butacarb resistance

Lucilia cuprina — Shaw, R.D.; and Blackman, G. G., 1971 a
technique, measuring susceptibility to insecticides

Lucilia cuprina — Williams, K. L.; and Birt, L. M., 1972 a
lysine, protein synthesis, metamorphosis

Lucilia sericata — Berndt, K.-P., 1970 a
chemosterilization, review

Lucilia sericata — Chirinos Rodríguez, A. R., 1972 a, fig.
myiasis, domestic animals, review

Lucilia sericata — Hall, C. A.; and Ludwig, P.D.; 1972 a
organotin compounds

Lucilia sericata Meig. — Okulov, V. P., 1969 a
Crimean ASSR (Feodosia and its surroundings)

Lucilia sericata (Mg.) — Pollock, J. N., 1971 a
cumulative mating frequency curve

Lucilia sericata (Mg.) — Pollock, J. N., 1971 b
sterility and mated status test, tepa-treated male

Lucilia sericata — Ribbeck, R.; El Sabban, M.; and Hiepe, T., 1970 a
myiasis, sheep

Lucilia sericata — Rauchbach, K.; and Hadani, A., 1972 a, figs.
geese (skin) — all from Israel
dogs "
cattle "
sheep "

Lucilia sericata — Shaw, R. D.; and Blackman, G. G., 1971 a
technique, measuring susceptibility to insecticides

Lunaceps holophaeus holophaeus (Burmeister, 1838) — Bechet, I., 1968 b, figs.
Philomachus pugnax — România

Lunaceps holophaeus incoenis (Kellogg et Chapman, 1899) — Bechet, I., 1968 b, fig.
Calidris minuta — România

Lunaceps holophaeus timmermanni n. ssp. — Bechet, I., 1968 b, 126-127, 128, 129, fig. 4
Calidris ferruginea — România

Lunaceps limosella limosae n. ssp.
Limosa limosa
Bechet, I., 1968 b, 126, 127, 128, 129, fig. 5
România

Lutrichilus
[lapsus for Lutrilichus gen n.]
Fain, A., 1970 c, 299

Lutrilichus g. n.
[lapsus as Lutrichilus]
Labidocarpidae
Fain, A., 1970 c, 299
tod: L. schoutedeni sp. n.

Lutrilichus javanicus sp. n.
Melogale orientalis
Fain, A., 1970 c, 300
S. E. Java

Lutrichilus [sic] linsang sp. n.
Prionodon linsang
Fain, A., 1970 c, 299
Sumatra

Lutrilichus nivalis sp. n.
Mustela nivalis
Beron, P. K., 1973 a, 537-539, fig.
Châlet Vichren, alt. 2050 m, Pirin, Bulgarie du Sud-Ouest

Lutrilichus schoutedeni n. g., sp. n. (tod)
Hydrictis maculicollis kivuana
Fain, A., 1970 c, 299
Lac Kivu, Congo

Lycopsylla Rothschild
redescription, Pygiopsyllidae
Mardon, D. K.; and Dunnet, G. M., 1971 b

Lycopsylla lasiorhini sp. n.
Phascolomys latifrons
Mardon, D. K.; and Dunnet, G. M., 1971 b, 235-240, figs. 1-5,9-12,14
Yorke Peninsula, South Australia

Lycopsylla nova Rothschild
Mardon, D. K.; and Dunnet, G. M., 1971 b, figs. 6-8,13,15

Lynchia Weyenberg, 1881
Syns.: Icosta Speiser, 1905; Ornithoponus Aldrich, 1923; Olfersia Macquart, 1835
Vanschuytbroeck, R., 1968 a, 10

Lynchia Speiser, 1902 nec Weyenberg, 1881
as syn. of Pseudolynchia Bequaert, 1926
Vanschuytbroeck, P., 1968 a, 12

Lynchia albipennis Say, 1823
Syn.: Ornithiponus massonnati Falcoz, 1926
Vanschuytbroeck, P., 1968 a, 11
Iowa City; Congo

Lynchia americana Leach, 1817
Syn.: Hippobosca aquilae Brodie et White, 1883
Vanschuytbroeck, P., 1968 a, 11
Iowa City

Lynchia americana (Leach)
Aegolius acadicus
Woods, J. G., 1971 a
Ontario, Canada

Lynchia dukei Austen, 1911
Vanschuytbroeck, P., 1968 a, 12
Rwanda

Lynchia falcinelli Rondani (Theodor et Oldroyd, 1964)
as syn. of L. minor Bigot, 1858
Vanschuytbroeck, P., 1968 a, 10

Lynchia fumipennis Sahlberg, 1866
as syn. of Olfersia fumipennis (Sahlberg)
Dale, W. E. A., 1969 a, 47

Lynchia longipalpis Macquart, 1835
Vanschuytbroeck, P., 1968 a, 11

Lynchia minor Bigot, 1858
Syn.: L. falcinelli Rondani (Theodor et Oldroyd, 1964)
Vanschuytbroeck, P., 1968 a, 10
Congo

Lynxacarus Radford
generic diagnosis
Dubinina, E. V., 1969 a

Lynxacarus dubinini sp.n.
Syn.: Listrophorus hydropathicus (nom. nud.) Dubinin i Karpovich, 1958
Desmana moschata (body hair)
Dubinina, E. V., 1969 a, 440, 443-448, figs. 5-15
Riazansk and Tambovsk oblasts, SSSR

Lynxacarus lyncodon sp. n.
Lyncodon patagonicus
Fain, A., 1970 c, 275
Bonifacio, Argentine

Lynxacarus morlani Radford, 1951
redescription
+Lynx rufus floridanus
Dubinina, E. V., 1969 a, figs.
Georgia, U.S.A.

Lynxacarus semnopitheci sp. n.
Semnopithecus sabanus
Fain, A., 1970 c, 275
Nord Borneo

Lynxacarus tupaiae sp. n.
Tupaia belangeri
Fain, A., 1970 c, 275
Mont Carin, Birmanie

Macrobrachinus felichthys Pearse, 1947 — Johnson, S. K.; and Rogers, W. A., 1972 a, 390
as syn. of Ergasilus felichthys (Pearse, 1947) comb. n.

Macrocheiron fucicolum, Brady — Brady, G. S., 1880 a, 41
as syn. of Lichomolgus fucicolus, Brady

Macrocheles sp.
Meriones tamariscinus — Davydov, G. S.: and Morozova, I.V., 1970 a
Tadzhikistan

Macrocheles sp.
[Meriones erythrourus] — Davydov, G.S.; and Morozova, I.V., [1971 a]
western Tadzhikistan

Macrocheles sp. near matrius
Spermophilus (=Citellus) columbianus
S. richardsonii — Hilton, D. F. J.; and Mahrt, J. L., 1971 b
all from Alberta

Macrocheles sp.
Apodemus sylvaticus — Mahnert, V., 1971 a
the Tirol, Austria

Macrocheles sp.
Geomys bursarius (hair and epidermis) — Rissky, R. W., 1962 a
Clay County, South Dakota

Macrocheles sp.
Lagurus luteus — Senotrusova, V. N.; and Shubin, I. G., 1969 a
Zaisansky Hollow

Macrocheles sp.
Geomys bursarius illinoensis — Tuszynski, R. C.; and Whitaker, J. O. (jr.), 1972 a
Indiana

Macrocheles sp.
Marmota monax — Whitaker, J. O. (jr.); and Schmeltz, L. L., 1973 b
Indiana

Macrocheles decoloratus (C. L. Koch, 1839)
Nesokia indica
Meriones tamariscinus
M. erythrourus
Ellobius talpinus — Davydov, G.S.; and Morozova, I.V., 1970 a
all from Tadzhikistan

Macrocheles decoloratus
Lagurus luteus — Senotrusova, V. N.; and Shubin, I. G., 1969 a
Zaisansky Hollow

Macrocheles glaber
Lagurus luteus — Senotrusova, V. N.; and Shubin, I. G., 1969 a
Zaisansky Hollow

Macrocheles kolpakovae
Lagurus luteus — Senotrusova, V. N.; and Shubin, I. G., 1969 a
Zaisansky Hollow

Macrocheles matrius (Hull, 1925)
Rattus turkestanicus
Mus musculus
Meriones erythrourus
Citellus fulvus
C. relictus — Davydov, G.S.; and Morozova, I.V., 1970 a
all from Tadzhikistan

Macrocheles matrius
[Cricetulus migratorius]
[Meriones tamariscinus] — Davydov, G.S.; and Morozova, I.V., [1971 a]
all from western Tadzhikistan

Macrocheles matrius subspec. nov. ?
Pitymys subterraneus
Clethrionomys glareolus — Mahnert, V., 1971 a
all from the Tirol, Austria

Macrocheles merdarius (Berlese, 1889)
Mus musculus — Davydov, G.S.; and Morozova, I.V., 1970 a
Tadzhikistan

Macrocheles merdarius
Lagurus luteus — Senotrusova, V. N.; and Shubin, I. G., 1969 a
Zaisansky Hollow

Macrocheles montanus
Apodemus flavicollis
Microtus nivalis — Mahnert, V., 1971 a
all from the Tirol, Austria

Macrocheles muscaedomesticae (Scopoli, 1772)
Rattus turkestanicus
Mus musculus
Meriones erythrourus — Davydov, G.S.; and Morozova, I.V., 1970 a
all from Tadzhikistan

Macrocheles muscaedomesticae
Neomys anomalus milleri — Mahnert, V., 1971 a
the Tirol, Austria

Macrocheles muscaedomesticae
Lagurus luteus — Senotrusova, V. N.; and Shubin, I. G., 1969 a
Zaisansky Hollow

Macrocheles nataliae
Lagurus luteus — Senotrusova, V. N.; and Shubin, I. G., 1969 a
Zaisansky Hollow

Macrocheles subbadius
Lagurus luteus — Senotrusova, V. N.; and Shubin, I. G., 1969 a
Zaisansky Hollow

Macrochelidae [sp.]
Clethrionomys — Igolkin, N. I., 1960 a
Ob River shore

Macrogyropus amplexans amplexans (Neumann, 1912)
Dasyprocta punctata punctata — Emerson, K. C., 1971 b
Nicaragua

Macronyssidae [sp.]
Arvicanthis niloticus
Mastomys natalensis — Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a
South Ghana
East cantonment, South Ghana

Macronyssus gramulosus (Kolenati, 1856)
Miniopterus schreibersi
Rhinolophus euryale — Beron, P., 1971 a
all from France

Macronyssus rhinolophi (Oudemans, 1902)
Rhinolophus euryale
R. hipposideros — Beron, P., 1971 a
France, all from

Macronyssus unidens
Plecotus townsendii — Allred, D. M., 1970 d
near Idaho Falls, Idaho

Macropophila Mjöberg 1919
key to species
Boopiidae, key, description — von Kéler, S., 1971 a, 44

Macropophila biarcuata sp. nov.
key
Syn.: Heterodoxus forcipatus, [of] Werneck, 1948 [pro parte]
Thylogale thetis
Thylogale stigmatica
— von Kéler, S., 1971 a, 43, 44, 45, figs. 9-11, 13, 112C, 112D, 114, 115B, 116E
Mt. Tamborine, Queensland; Cougal, New South Wales
Tooloom Scrub, New South Wales

Macropophila breviarcuata sp. nov.
key
Thylogale stigmatica
T. stigmatica wilcoxi
— von Kéler, S., 1971 a, 43, 44, 45-46, figs. 14-16, 112E, 112F, 115C, 116F
South West of Atherton, Queensland
Mt. Lindesay, New South Wales

Macropophila clayae sp. nov.
key
Syn.: Heterodoxus forcipatus, [of] Werneck, 1948 [pro parte]
Thylogale billardieri:
— von Kéler, S., 1971 a, 43, 44, 46-47, figs. 5-8, 112A, 112B, 113, 115A, 116A-D
Tasmania: Maydena; Furneaux Island; Flinders Island

Macropophila forcipata Mjöberg 1919
key, description
Thylogale stigmatica (skin)
— von Kéler, S., 1971 a, figs.
Queensland

Mafrontia subg. n.
subgenus of Frontopsylla
— Ioff, I. G., 1949 a, 66

Malacopsylla grossiventris (Weyen.)
Dusicyon gymnocercus antiquus
— Bischoff de Alzuet, A. D., [1971 a], figs.
Provincia de Buenos Aires

Malacopsylla grossiventris (Weyenbergh)
Dasypus minutus
Canis familiaris
Conepatus castaneus proteus
Dasypus hibridus
Dusicyon griseus gracilis
Microcavia a. australis
Zaedius pichy caurinus
— Giménez, D.F.; Ciccarelli, C. A.; and de la Barrera, J. M., 1964 a
all from Argentina

Malaraeus sp.
Microtus montanus
Neotoma cinerea
Peromyscus maniculatus
— Allred, D. M., 1968 a
all from National Reactor Testing Station, Idaho

Malaraeus arvicolae
infectivity, altitude, seasonal distribution
Microtus nivalis
— Mahnert, V., 1972 a
Tirol, Austria

Malaraeus arvicolae
Microtus arvalis
Pitymys subterraneus
— Peus, F., 1970 a
all from Germany

Malaraeus bitterrootensis
Neotoma cinerea
— Allred, D. M., 1968 a
National Reactor Testing Station, Idaho

Malaraeus euphorbi
Microtus montanus
Peromyscus maniculatus
— Allred, D. M., 1968 a
all from National Reactor Testing Station, Idaho

Malaraeus euphorbi (Rothschild)
ecology, infestation rates
mice
— Elzinga, R. J.; and Rees, D. M., 1964 b
compared, deer and harvest

Malaraeus euphorbi (Rothschild)
Peromyscus maniculatus
— Woods, C. E.; and Larson. O. R., 1971 a
Ward Co., North Dakota

Malaraeus penicilliger
Talpa europaea
Sorex araneus
Clethrionomys glareolus
Microtus agrestis
M. arvalis
M. nivalis
Pitymys subterraneus
P. bavaricus
Apodemus flavicollis
A. sylvaticus
— Peus, F., 1970 a
all from Germany

Malaraeus penicilliger dissimilis (Jord.)
Microtus oeconomus
Lemmus sibiricus
— Rausch, R. L.; Huntley, B.E.; and Bridgens, J. G., 1969 a
all from Alaska

Malaraeus penicilliger kratochvili
infectivity, altitude, seasonal distribution
Sorex araneus
Pitymys subterraneus
Microtus arvalis
M. nivalis
Clethrionomys glareolus
Microtus agrestis
— Mahnert, V., 1972 a
all from Tirol, Austria

Malaraeus penicilliger mustelae (Dale)
Microtus agrestis
Clethrionomys glareolus
Apodemus sylvaticus
— Roberts, C. J., 1972 a
Lancashire, Cheshire, Isle of Mull, Great Britain
Lancashire, Cheshire, Great Britain
Lancashire, Great Britain

Malaraeus sinomus
Peromyscus maniculatus
P. truei
— Douglas, C. L., 1969 a, 493
all from Mesa Verde National Park, Colorado

Malaraeus telchinum
Microtus montanus
Neotoma cinerea
Onychomys leucogaster
Peromyscus maniculatus
Perognathus parvus
— Allred, D. M., 1968 a
all from National Reactor Testing Station, Idaho

Malaraeus telchinum
Peromyscus maniculatus
P. truei
— Douglas, C. L., 1969 a, 493
all from Mesa Verde National Park, Colorado

Mallophaga
Buteo regalis
Centrocercus urophasianus
Circus cyaneus
Didodomys ordii
Eremophila alpestris
Ereunetes mauri
Eutamias minimus
Falco sparverius
Junco oreganus
Lepus californicus
— Allred, D. M., 1970 d
all from near Idaho Falls, Idaho

Mallophaga.— Continued.
Lynx rufus
Oreoscoptes montanus
Perognathus parvus
Peromyscus maniculatus
Pica pica
Plecotus townsendii
Reithrodontomys megalotis
Sceloporus graciosus
Spermophilus townsendii
Spinus pinus
Sternella neglecta
Zenaidura macroura
Allred, D. M., 1970 d.— Continued.

Mallophaga
list of species previously reported from Mexico
Carriker, M. A. (jr.),[1965 a]

Mallophaga
infraspecific evolution, review
Eichler, W., 1969 b

Mallophaga
collection methods, bird skins, museum collections
Eichler, W., 1971 a

Mallophaga
domestic animals, index, critical review
Eichler, W., 1972 a
Central Europe

Mallophaga
host specificity, determination of taxonomic positions of host birds
Elbel, R. E., 1969 b

Mallophaga
trichlormetaphos-3, Sevin, chlorophos, poultry
Gusev, V. F.; Speranskaia, V. N.; Mukhamedshina, R. A.; and Mukhamedshina, R. N., 1970 a

Mallophaga
historical résumé, bibliography
Lakshiminarayana, K. V., 1972 a
Indian region

Mallophaga
true and secondary hosts, review
Lakshminarayana, K. V., 1972 b

Mallophaga
manual
Maxwell-Lefroy, H., 1971 a, 110-112
India

Mallophaga
Vapona, dogs, cats
Niemand, H. G., 1973 a

Mallophaga
wild birds, review
Turner, E. C. (jr.), 1971 a

Mallophaga
pictorial keys
United States Department of Health, Education, and Welfare. Public Health Service, 1964 a

Mallophaga
avian, collection, parasitologischen Institutes der tierärztlichen Hochschule
Ziegler, H., 1971 a
Wien

Mallophaga
nomenclature
Złotorzycka, J., 1966 b
Poland

Mange. See Scabies.

Manitherionyssidae n. fam.
Gamasina; Dermanyssoidea includes: Manitherionyssus Vitzthum, 1925
Radovsky, F. J.; and Yunker, C. E., 1971 a, 142

Manitherionyssus Vitzthum, 1925
Manitherionyssidae n. fam.
Radovsky, F. J.; and Yunker, C. E., 1971 a

Margaropus reidi
key
Walker, J. B.; and Laurence, B. R., 1973 a, 18, figs.

Margaropus wileyi sp. n.
key
Giraffa camelopardalis reticulata
Walker, J. B.; and Laurence, B. R., 1973 a, 13-16,18, figs. 1-4
24 km south-east of Isiolo, Meru District, Eastern Prov., Kenya

Margaropus winthemi
key
Walker, J. B.; and Laurence, B. R., 1973 a, 18, figs.

Megabothris sp.
Microtus montanus
Neotoma cinerea
Peromyscus maniculatus
Allred, D. M., 1968 a
all from National Reactor Testing Station, Idaho

Megabothris abantis
Allred, D. M., 1968 a
National Reactor Testing Station, Idaho

Megabothris abantis
ground suspension transmitting Grahamella-like organisms from wild to laboratory vole
Microtus oeconomus operrarius
Fay, F. H.; and Rausch, R.L., 1969 a
Lower Ugashik Lake, Alaska Peninsula

Megabothris abantis (Roths.)
Microtus oeconomus
Lemmus sibiricus
Rausch, R. L.; Huntley, B.E.; and Bridgens, J. G., 1969 a
Alaska
"

Megabothris acerbus (Jordan)
Tamias striatus
Benton, A. H.; Larson, O. R.; and Van Huizen, B. A., 1971 a
Itasca State Park region, Minnesota

Megabothris acerbus (Jordan)
Tamias striatus
Parascalops breweri
Holland, G.P.; and Benton, A. H., 1968 a
all from Pennsylvania

Megabothris acerbus (Jordan)
Tamias striatus
Quackenbush, R. E., 1971 a
Grout Pond, Windham County, Vermont

Megabothris asio asio
Microtus pennsylvanicus
Mustela frenata
Condylura cristata
Holland, G.P.; and Benton, A. H., 1968 a
all from Pennsylvania

Megabothris asio asio (Baker)
Microtus pennsylvanicus
Quackenbush, R. E., 1971 a
Grout Pond, Windham County, Vermont

Megabothris asio megacolpus (Jordan)
Microtus pennsylvanicus
Clethrionomys gapperi
Benton, A. H.; Larson, O. R.; and Van Huizen, B. A., 1971 a
all from Itasca State Park region, Minnesota

Megabothris calcarifer gregsoni Holl.
Lemmus sibiricus
Rausch, R. L.; Huntley, B.E.; and Bridgens, J. G., 1969 a
Alaska

Megabothris lucifer (Rothschild)
Microtus pennsylvanicus
Clethrionomys gapperi
Woods, C. E.; and Larson, O. R., 1971 a
all from McHenry Co., North Dakota

Megabothris obscurus
Allred, D. M., 1968 a
National Reactor Testing Station, Idaho

Megabothris quirini (Rothschild)
Clethrionomys gapperi
Zapus hudsonius
Napeozapus insignis
Microtus pennsylvanicus
Peromyscus maniculatus
Tamias striatus
Benton, A. H.; Larson, O. R.; and Van Huizen, B. A., 1971 a
all from Itasca State Park region, Minnesota

Megabothris quirini (Rothschild)
Blarina brevicauda manitobensis
Buckner, C. H.; and Blasko, G. G., 1969 a
Manitoba

Megabothris quirini (Rothschild)
Clethrionomys gapperi
Peromyscus leucopus
Microtus pennsylvanicus
Quackenbush, R. E., 1971 a
all from Grout Pond, Windham County, Vermont

Megabothris rectangulatus
infectivity, altitude, seasonal distribution
Microtus nivalis
Clethrionomys glareolus
Mahnert, V., 1972 a
all from Tirol, Austria

Megabothris turbidus (Rothschild)
Apodemus sylvaticus
Clethrionomys glareolus caesarius
Bishop, I. R., 1972 a
all from Channel Islands

Megabothris turbidus
infectivity, altitude, seasonal distribution
Pitymys subterraneus
Microtus agrestis
Clethrionomys glareolus
Apodemus flavicollis
Mahnert, V., 1972 a
all from Tirol, Austria

Megabothris turbidus
Sorex araneus
S. minutus
Neomys fodiens
Citellus citellus
Eliomys quercinus
Muscardinus avellanarius
Clethrionomys glareolus
Microtus agrestis
M. arvalis
M. nivalis
M. oeconomus
Pitymys subterraneus
Apodemus flavicollis
A. sylvaticus
A. agrarius
Rattus norvegicus
Crocidura russula
Arvicola terrestris
Peus, F., 1970 a
all from Germany

Megabothris turbidus (Rothschild)
Apodemus sylvaticus
Microtus agrestis
Sorex araneus
Roberts, C. J., 1972 a
all from Lancashire, Great Britain

Megabothris walkeri
Clethrionomys glareolus
Microtus agrestis
M. arvalis
Apodemus flavicollis
A. agrarius
Peus, F., 1970 a
all from Germany

Megabothris walkeri (Rothschild)
Apodemus sylvaticus
Microtus agrestis
Clethrionomys glareolus
Sorex araneus
Roberts, C. J., 1972 a
Lancashire, Great Britain
Lancashire, Gloucestershire, Isle of Mull, Great Britain
Lancashire, Great Britain
Lancashire, Yorkshire, Great Britain

Megabothris walkeri (Rothschild)
Microtus agrestis, flea infestation affected by sex, weight, season
Ulmanen, I., 1971 a

Megapodiella n. gen.
Emerson, K. C.; and Price, R. D., 1972 b, 77
tod: M. nakatae n. sp.

Megapodiella nakatae n. gen., n. sp. (tod)
Aepypodius arfakianus
Emerson, K. C.; and Price, R. D., 1972 b, 77-78, 79, figs. 1-3
Mt. Kemp, Morobe District, New Guinea

Megarthroglossus bisetis
systemic insecticides
Neotoma micropus canescens
Clark, P. H.; et al., 1971 a

Megarthroglossus bisetis +Neotoma cinerea (nest)
Méndez, E.; and Haas, G.E., 1972 a
Jemez Mountains, New Mexico

Megarthroglossus cavernicolus n. sp.
Neotoma cinerea
Méndez, E.; and Haas, G.E., 1972 a, 285-288, figs. 1-6
Sandoval Co., New Mexico

Megarthroglossus divisus
Neotoma cinerea
Allred, D. M., 1968 a
National Reactor Testing Station, Idaho

Megarthroglossus procus
Peromyscus maniculatus
P. truei
Douglas, C. L., 1969 a, 493
all from Mesa Verde National Park, Colorado

Megninia cubitalis (Mégnin)
Gallus (Gallus) domesticus (plumas)
Mayaudon Tarbes, H.; and Montoya, F., 1970 a
Valencia, Estado Carabobo, Venezuela

Megninia cubitalis
Gallus gallus (neck, head)
Vasquez Duclós, M. S.; Marchinares Ayllón, C. R.; and Rojas Flores, J., 1966 a, figs.
Lima; Maynas (Loreto), Peru

Melesodectes auricularis Fain & Lukoschus, 1968
laboratory rearing of hypopi, life cycle, morphology, systematic position
Meles meles (ears)
Lukoschus, F. S.; de Cock, A. W. A. M.; and Fain, A., 1971 a, figs.
near Grimentz (Kanton Wallis), Switzerland

Melophaginae
Hippoboscidae, key
Habib, A.; El-Kady, E. A.; and Risk, G. N., 1970 a, 578

Melophaginae Bezzi, 1915; Bequaert, 1942; (Maa, 1963)
as syn. of Lipoptenינae (Speiser, 1908)
Vanschuytbroeck, R., 1968 a, 16

Melophagus Latreille, 1802
Hippoboscidae, key
Dale, W. E. A., 1969 a, 43,49

Melophagus ovinus (Linnaeus)
Syns.: Hippobosca ovina L., 1758; H. montanus Ferris & Cole, 1922
Dale, W. E. A., 1969 a, 50

Melophagus ovinus
agar-gel tests, sheep, Psoroptes ovis and P. cuniculi extracts
Fisher, W. F., 1972 a

Melophagus ovinus
seasonal distribution, young sheep
Gecheva, G., 1971 a

Melophagus ovinus
sheep, anemia, decreased hemoglobin
Gecheva, G., 1972 a

Melophagus ovinus
Alugan
Georgiev, M., 1970 a

Melophagus ovinus
Habib, A.; El-Kady, E. A.; and Risk, G. N., 1970 a
Egypt

Melophagus ovinus
sheep skin faults, economic importance
Laidet, M., 1971 a

Melophagus ovinus
Karbatox, domestic animals
Patyk, S.; Jasek, K.; and Buchalski, L., 1970 a

Melophagus ovinus
Rupicapra rupicapra
Schweizer, R., 1949 a
Switzerland

Melophagus ovinus Linn., 1758
sheep
cattle
Sharma, S. D.; and Das, S. M., 1971 a
all in Kashmir

Melophagus ovinus Linné, 1758
Vanschuytbroeck, P., 1968 a, 18
France, Menton

Menacanthus sp.
eggs on museum study skins, description, location, significance for ecological studies
Vermivora celata
Foster, M. S., 1969 b, fig.

Menacanthus sp.
[Streptopelia turtur]
Shcherbinina, O. Kh.; and Kurbanova, D. B., 1969 a
Ashkhabad

Menacanthus cornutus (Schömmer, 1913)
[Gallus gallus]
Shcherbinina, O. Kh.; and Kurbanova, D. B., 1969 a
Ashkhabad

Menacanthus cornutus Shcomer
[Gallus gallus]
Shousmanov, Sh., 1972 a
Tashkent oblast

Menacanthus machadoi n. sp.
Corythaeola cristata
Tendeiro, J., 1958 g, 84, 85-87, figs. 1-2, photos 3-4
Angola; Uganda

Menacanthus mutabilis
Sturnus vulgaris
Vincent, A. L., 1972 a
San Diego County, California

Menacanthus pius Eichler & Złotorzycka, 1963
seasonal distribution, Turdus m. merula, ecology
Baum, H., 1968 a, figs. 5a-b

Menacanthus stramineus
distribution on chicken, relationship to surface temperature, life cycle stages
Brown, N. S., 1970 a

Menacanthus stramineus (Nitzsch, 1818)
Columba livia
Brown, N. S., 1971 a
Boston

Menacanthus stramineus
Sumithion, poultry
Hegde, K. S.; Rahman, S. A.; Rajasekariah, G. R.; and Gowda, R. N. S., 1972 a

Menacanthus stramineus
chickens, 65 insecticides evaluated
Hoffman, R. A.; and Hogan, B. F., 1972 a

Menopon albofasciatum Piaget, 1880
as syn. of Holomenopon leucoxanthum (Burmeister), sensu lato
Price, R. D., 1971 a

Menopon deryloi n. sp.
Lyrurus tetrix
Złotorzycka, J., 1972 a, 580-582, figs. 1-4
near Parczew (Polen)

Menopon eulasium Kellogg, 1910
as syn. of Holomenopon tadornae (Gervais), sensu lato
Price, R. D., 1971 a

Menopon eurum Piaget, 1880
as syn. of Eidmanniella subrotunda (Piaget, 1880)
Ryan, S. O.; and Price, R. D., 1969 a

Menopon extraneum [of] Galliard, 1934
as syn. of Trimenopon hispidum (Burmeister, 1838)
von Keler, S., 1971 a, 13

Menopon extraneum Piaget, 1880
as syn. of Holomenopon tadornae (Gervais), sensu lato
Price, R. D., 1971 a

Menopon gallinae
economic importance, hens
Deryło, A., 1972 a, fig.

Menopon gallinae
Sumithion, poultry
Hegde, K. S.; Rahman, S. A.; Rajasekariah, G. R.; and Gowda, R. N. S., 1972 a

Menopon gallinae
poultry
Mustaffa-Babjee, A., 1969 a
Malaysia

Menopon gallinae
chicken
Rafyi, A.; Alavi, A.; and Rak, H., 1969 b, fig.
Iran

Menopon gallinae L.
[Gallus gallus]
Shousmanov, Sh., 1972 a
Tashkent oblast

Menopon intermissum Harrison, 1916
as syn. of Fregatiella aurifasciata (Kellogg) [n. comb.]
Ryan, S.O.; and Price, R. D., 1969 b, 825

Menopon jenningsi Kellogg & Paine, 1910
as syn. of Trimenopon hispidum (Burmeister, 1838)
von Kéler, S., 1971 a

Menopon kuwani Kellogg & Chapman, 1902
as syn. of Eidmanniella pellucida (Rudow, 1869)
Ryan, S. O.; and Price, R.D., 1969 a

Menopon leucoxanthum Burmeister, 1838
as syn. of Holomenopon leucoxanthum (Burmeister), sensu lato
Price, R. D., 1971 a

Menopon leucoxanthum var. marecae Blagoveshtchensky, 1940
as syn. of Holomenopon leucoxanthum (Burmeister), sensu lato
Price, R. D., 1971 a

Menopon (Menacanthus) longitarsus, Neumann, 1912
as syn. of Heterodoxus longitarsus (Piaget)
von Kéler, S., 1971 a, 55

Menopon loomisii Kellogg, 1896
as syn. of Holomenopon loomisii (Kellogg)
Price, R. D., 1971 a

Menopon lunarium Rudow, 1869
as syn. of Holomenopon leucoxanthum (Burmeister), sensu lato
Price, R. D., 1971 a

Menopon myrocae Blagoveshtchensky, 1940
as syn. of Holomenopon leucoxanthum (Burmeister), sensu lato
Price, R. D., 1971 a

Menopon pallidulum chicken
Rafyi, A.; Alavi, A.; and Rak, H., 1969 b, fig.
Iran

Menopon petulans Kellogg and Chapman, 1899
as syn. of Austromenopon pinguis (Kellogg)
Price, R. D.; and Clay, T., 1972 a, 490

Menopon setigerum Blagoveshtchensky, 1948
as syn. of Holomenopon setigerum (Blagoveshtchensky)
Price, R. D., 1971 a

Menopon sigmoidale Picaglia, 1885
as syn. of Eidmanniella pellucida (Rudow, 1869)
Ryan, S. O.; and Price, R.D., 1969 a

Menopon singularis Kellogg and Kuwana, 1902
as syn. of Eidmanniella albescens (Piaget, 1880)
Ryan, S. O.; and Price, R.D., 1969 a

Menopon stramineum chicken
Rafyi, A.; Alavi, A.; and Rak, H., 1969 b, fig.
Iran

Menopon transvaalensis Bedford, 1920
as syn. of Holomenopon transvaalense (Bedford)
Price, R. D., 1971 a

Menoponidae chickens, 65 insecticides evaluated
Hoffman, R. A.; and Hogan, B. F., 1972 a

Meringis sp.
Dipodomys ordii
Lepus californicus
Onychomys leucogaster
Perognathus parvus
Peromyscus maniculatus
Allred, D. M., 1968 a
all from National Reactor Testing Station, Idaho

Meringis californicus
Dipodomys heermanni tularensis
Dorman, D. E., 1969 a
near Tranquillity in Fresno County

Meringis cummingi
Dipodomys heermanni morroensis
Dorman, D. E., 1969 a
near Baywood Park (5 miles south of Morro Bay), San Luis Obispo County

Meringis hubbardi
Dipodomys ordii
Eutamias minimus
Mustela frenata
Onychomys leucogaster
Perognathus parvus
Peromyscus maniculatus
Reithrodontomys megalotis
Sorex merriami
Allred, D. M., 1968 a
all from National Reactor Testing Station, Idaho

Meringis parkeri
Dipodomys ordii
Eutamias minimus
Lepus californicus
Microtus montanus
Mustela frenata
Neotoma cinerea
Onychomys leucogaster
Perognathus parvus
Peromyscus maniculatus
Reithrodontomys megalotis
Sorex merriami
Spermophilus townsendii
Allred, D. M., 1968 a
all from National Reactor Testing Station, Idaho

Meringis parkeri ectoparasite consortism, mammals
Allred, D. M., 1971 a
National Reactor Testing Station, Idaho

Meringis parkeri (Jordan)
Peromyscus maniculatus
Wyman, R. L.; and Schaefer, K., 1972 a
Texas Co., Oklahoma

Meringis rectus
systemic insecticides
Dipodomys spectabilis spectabilis
Clark, P. H.; et al., 1971 a

Meristaspis
Spinturnicidae, key
Pan, Z.-W.; and Teng, K.-F., 1973 a

Meristaspis lateralis (Kolenati, 1856)
Pan, Z.-W.; and Teng, K.-F., 1973 a
China

Mesalges oscinum
Passer domesticus domesticus
Lalitha, C. M.; and Alwar, V. S., 1973 a
Madras

Mesonyssus columbae (Crossley, 1950)
Columba livia domestica
Černý, V., 1970 a
Olomouc, ČSSR

Mesonyssus hirsutus Feider, 1962
Columba livia domestica
Černy, V., 1970 a
Olomouc, ČSSR

Mesonyssus melloi Castro 1948
Columba domestica
Sixl, W., 1969 a
Steiermark

Mesonyssus streptopeliae Fain, 1962
Streptopelia decaocto decaocto
Černý, V., 1970 c
Olomouc, ČSSR

Mesostigmat[a]
key genera and species, female
Garrett, D. A.; and Allred, D. M., 1971 a, 297-298
Turkey

Metalistrophorus g. n.
Listrophoridae
Fain, A., 1970 c, 278
tod: Listrophorus pagenstecheri Haller, 1880

Metalistrophorus genettus (Radford) [n. comb.]
Fain, A., 1970 c, 278

Metalistrophorus myonax sp. n.
Myonax melanurus zombae
Fain, A., 1970 c, 279
Nyasaland

Metalistrophorus myospalacis sp. n.
Myospalax fontanieri cansus
Fain, A., 1970 c, 278
Chenzi, Chine

Metalistrophorus poecilogalei sp. n.
Poecilogale albinucha
Fain, A., 1970 c, 278-279
Katanga, Congo

Metalistrophorus rhynchocyoni sp. n.
Rhynchocyon stuhlmanni
Fain, A., 1970 c, 279
Epulu, Congo

Metalistrophorus sciuricola sp. n.
Tamias (Eutamias) sibiricus uthensis
Fain, A., 1970 c, 278
Extrême-Orient

Metaphrixus intutus sp. nov.
Palaemonella vestigialis
Bruce, A. J., 1966 a, 385-386, 387-390, fig. 1-3
Pange Reef, off coast of Zanzibar Island

Metaxymolgus micropus sp. n.
Astroboa nuda
Humes, A. G., 1973 a, 25,26, 27-34, figs. 5-34
between Pte Lokobe, Nosy Bé, and Nosy Komba, Madagascar

Microlynchia Lutz, Neiva & Lima, 1915
Hippoboscidae, key
Dale, W. E. A., 1969 a, 43,49

Microlynchia n. sp.
Speotyto cunicularia nanodes
Dale, W. E. A., 1969 a, 49
Chancay (Hda. San José)

Microlynchia pusilla Speiser, 1902
Vanschuytbroeck, P., 1968 a, 11

Microphthirus uncinatus (Ferris)
Glaucomys sabrinus oregonensis
Spencer, G. J., 1966 a
British Columbia

Microtrombicula Ewing, 1950
includes: Crypticula, n. subgen.
Webb, J. P. (jr.); and Loomis, R. B., 1970 a

Microtrombicula [sp.] nr. tragulata (Brennan and Jones, 1961)
Didelphis marsupialis
Brennan, J. M.; and Lukoschus, F. S., 1971 a
Surinam

Microtrombicula (Scapuscutala) aequalis n. sp.
key
Peromyscus boylii rowleyi (ears)
P. boylii
Webb, J. P. (jr.); and Loomis, R. B., 1971 a, 319, 320, 321, 328, fig. 1
Sonora, México
Cochise Co., Arizona

Microtrombicula azerbaidjanica sp. n.
Allactaga elater
Apodemus sylvaticus
Cricetulus migratorius
Meriones tristrami
M. persicus
M. erythrourus
Microtus socialis
M. arvalis
M. majori
Mustela nivalis
Muliarskaia, L. V.; Verdieva, Z. F.; and Chirkova, N. V., 1970 a, 930-933, figs. 1-7
Azerbaijan, all from

Microtrombicula azerbaidjanica Muliarskaja
geographic and seasonal distribution
Muliarskaia, L. V.; et al., 1971 a
Western Azerbaĭdzhan

Microtrombicula brachytrichia n. sp.
Proechimys guyannensis
Brennan, J. M., 1971 a, 212, 213, 214, fig. 1-B
APEG Forest, Belém, Pará, Brazil

Microtrombicula (Scapuscutala) crossleyi (Loomis)
key
Peromyscus floridanus
P. polionotus
P. gossypinus
Peromyscus sp.
P. leucopus
+Melanerpes erythrocephalus (breast, wings, upper legs)
Webb, J. P. (jr.); and Loomis, R. B., 1971 a, 321, 323, 328, fig.
Florida
"
"
"
Oklahoma; Texas; Kansas
Kansas (Barber Co.)

Microtrombicula (Crypticula) diabola n. sp.
key
Peromyscus difficilis nasutus (nasal passages)
Webb, J. P. (jr.); and Loomis, R. B., 1970 a, 655,656,657, 662, figs. 1-3
Devils River, Val Verde Co., Texas

Microtrombicula (Scapuscutala) fisheri n. sp.
key
Peromyscus truei lagunae (ears)
P. eremicus eva
Bassariscus astutus palmarius
Webb, J. P. (jr.); and Loomis, R. B., 1971 a, 319, 323, 328, fig. 2
all from Baja California Sur, México

Microtrombicula fragibarba (Brennan and Jones, 1960)
Didelphis marsupialis (ears)
Philander opossum
Brennan, J. M.; and Lukoschus, F. S., 1971 a
all from Surinam

Microtrombicula gratiosa sp. n.
Alticola argentatus
Shluger, E. G.; and Kudriashova, N. I., 1969 a, 115, 121-122, figs. 28-34
Tadzhikistan: Zapadnyĭ Pamir

Microtrombicula (Scapuscutala) intermedia n. sp.
key
Peromyscus eremicus anthonyi (ears)
Sceloporus clarki
Webb, J. P. (jr.); and Loomis, R. B., 1971 a, 319, 323, 328, fig. 3
all from Sonora, México

Microtrombicula (Scapuscutala) jacalae n. sp.
Peromyscus boylii levipes (ears)
Peromyscus sp.
Loomis, R. B.; and Webb, J. P. (jr.), 1972 a, 159-160, fig. 1
all from Hidalgo, México

Microtrombicula (Crypticula) kyongkiensis Ah
key
Webb, J. P. (jr.); and Loomis, R. B., 1970 a

Microtrombicula (Crypticula) loomisi Ah
key
Webb, J. P. (jr.); and Loomis, R. B., 1970 a

Microtrombicula (Crypticula) merrihewi (tod of subgen)
Webb, J. P. (jr.); and Loomis, R. B., 1970 a, 657

Microtrombicula (Crypticula) miniopteri Ah
key
Webb, J. P. (jr.); and Loomis, R. B., 1970 a

Microtrombicula (Scapuscutala) mesoamericana n. sp.
key
Rattus rattus (ears)
Nyctomys sumichrasti
Ototylomys phyllotis
Webb, J. P. (jr.); and Loomis, R. B., 1971 a, 319, 323, 326, 328, fig. 4
Nayarit, México
Carazo and Chinandega, Nicaragua
Chinandega, Nicaragua

Microtrombicula (Cryptic-ula) nasalis Loomis, 1963 — Webb, J. P. (jr.); and Loomis, R. B., 1970 a, figs. 2-3
key
(nasal passages of all)
Neotoma albigula — New Mexico
N. lepida — California
Peromyscus boylii — Arizona; New Mexico
P. crinitus — California
P. eremicus — "
P. maniculatus — "
P. truei — "

Microtrombicula nesiota sp. n. — Brennan, J. M.; and Amerson, A. B., 1971 a, 1311, 1313-1314, fig. 3
Sula dactylatra — north central Pacific Ocean

Microtrombicula nicaraguae n. sp. — Webb, J. P. (jr.); and Loomis, R. B., 1971 b, 133-135, fig. 1A-G
Sciurus variegatoides — Finca Santa Cecilia, 6.5 km SE Guanacaste, 660 m, Granada, Nicaragua

Microtrombicula (Cryptic-ula) ornata (Loomis & Lipovsky) — Webb, J. P. (jr.); and Loomis, R. B., 1970 a, figs. 2-3
key
(nasal passages of all)
Neotoma micropus — Kansas
Peromyscus leucopus — "
P. maniculatus — Colorado; Kansas

Microtrombicula ovalis sp. n. — Shluger, E. G.; and Amanguliev, A., 1972 a, 42, 43, 44, fig. 1A
key
Apodemus sylvaticus — all from Turkmen SSR
Cricetulus migratorius
Calomyscus bailwardi
Meriones persicus

Microtrombicula paralios n. sp. — Webb, J. P. (jr.); and Loomis, R. B., 1971 b, 133, 135-137, fig. 2A-G
Pizonyx vivesi (nasal passage) — Puertecitos, Baja California Norte, Mexico

Microtrombicula phyllodactyli n. sp. — Webb, J. P. (jr.); and Loomis, R. B., 1971 b, 133, 137-138, 140-141, fig. 3A-G
Phyllodactylus h. homolepidurus — Sinaloa; Sonora (México), all from
P. tuberculosus saxatilis

Microtrombicula (Crypticula) pipistrelli Ah — Webb, J. P. (jr.); and Loomis, R. B., 1970 a
key

Microtrombicula similata sp. n. — Shluger, E. G.; and Amanguliev, A., 1972 a, 42, 43, 44, 45, fig. 1B
key
Meriones persicus — all from West Kopetdag,
Cricetulus migratorius — (Iol-Dere canyon), Turkmen SSR

Microtrombicula tragulata (Brennan and Jones) 1961 n. comb. — Webb, J. P. (jr.); and Loomis, R. B., 1971 b, 133, 139, 141-143, fig. 4A-G
Bassariscus astutus — Baja California Sur (Mexico)
Potos flavus — Nicaragua
Nasua narica — Barro Colorado Island (Panama, Canal Zone)

Microtrombicula (Scapuscutala) trisetica (Loomis and Crossley) — Webb, J. P. (jr.); and Loomis, R. B., 1971 a, 326, 327, 328, fig.
key
Eumeces laticeps — Kansas; Arkansas
Peromyscus truei — California
Agkistrodon contortrix — Kansas

Microtrombicula trisetica.— Continued. — Webb, J. P. (jr.); and Loomis, R. B., 1971 a.— Continued.
Elaphe obsoleta — Kansas
Neotoma floridana — "
Sciurus carolinensis — "
S. aberti — Durango, México

Microtrombicula turkmeniensis (Schluger et al., 1960) — Shluger, E. G.; and Amanguliev, A., 1972 a, 45
key

Microtrombicula (Crypticula) welbourni n. sp. — Loomis, R. B.; and Webb, J. P. (jr.), [1972 b], 102-103, fig. 1
Peromyscus pectoralis laceianus (nasal passages) — 10 mi. N, 8 mi. W Del Rio, 1000 ft, Val Verde County, Texas

Microtrombicula (Crypticula) wrenni Loomis — Webb, J. P. (jr.); and Loomis, R. B., 1970 a, figs. 2-3
key — all from California
Neotoma lepida
Peromyscus crinitus
P. eremicus
(nasal passages of all)

Mioctenopsylla arctica Rothschild — Hågvar, S., 1970 a, 105
Signehamna, Krossfjorden, Svalbard

Mioctenopsylla arctica Roths. — Kaisila, J., 1973 a
Longyearbyen, Spitsbergen

Mitchella gen. n. — Lewis, R. E., 1970 b, 146-150
Ischnopsyllidae; Ischnopsyllinae — tod: M. exsula sp. n.

Mitchella exsula gen. and sp. n. (tod) — Lewis, R. E., 1970 b, 146-150, figs. 1-7
Pipistrellus ? — Nepal, Bagmati Zone, Nuwakot District, Uring Ghyang

Mites — Angstrom, C. I., 1971 a
control, caged layers

Mites — Bhattacharya, N.C.; Banerjee, A. K.; and Sur, S., 1967 a
astigmatic mite, recov- from human scabies skin tunnel

Mites — Burges, H. D.; and Hussey, N. W., 1971 a
biological control by protozoa

Mites — Capponi, M.; and Kawai, K., 1971 a
vector, Rickettsia tsutsugamushi, review

Mites — Černý, V., 1971 a
collecting feather mites on dead and living birds, qualitative and quantitative techniques

Mites — Diehl, K., 1973 a
Ciodrin dust, lizard

Mites — Frazier, C. A., 1968 a
man, bites, stings, dermatitis, clinical review, differential diagnosis

Mites — Herms, W. B., 1944 a
description

Mites — Imam, I. Z. E.; and Megied, S. A., 1966 a
rodent survey, typhus carriers — Egypt

Mites — Jones, B. F.; and Barnes, G., 1972 a
insecticides, hogs

Mites — Miller, J. P., 1971 a
malathion, carbaryl, coumaphos, poultry

Mites
insecticides, poultry
Ontario Live Stock Pesticide Sub-Committee, 1971 d

Mites
human dermatological diseases, clinical aspects
Pillsbury, D. M.; and Hambrick, G. W. (jr.), 1965 a

Mites
diagnosis, review, dogs and cats
Sloss, M. W., 1971 a

Mites
wild mammals, review
Sweatman, G. K., 1971 a, figs.

Miyatrombicula caucasica Muliarskaja
geographic and seasonal distribution
Muliarskaîa, L. V.; et al., 1971 a
Western Azerbaĭdzhan

Miyatrombicula cynos (Ewing)
Rattus norvegicus
Manischewitz, J. R., 1966 a
New Jersey

Miyatrombicula muris Oudemans, 1910
Apodemus flavicollis
Shluger, E. G.; and Vysotskaia, S. O., 1970 a
Transcarpathian region

Miyatrombicula (Miyacarus) tokyoensis balcanica (Kolebinova, 1969)
Pipistrellus pipistrellus
Sixl, W.; and Daniel, M., 1971 a
Osterreich

Miyatrombicula (Miyacarus) tokyoensis balcanica Kolebinova (1969)
Pipistrellus pipistrellus
Sixl, W.; Daniel, M.; and Černý, V., 1972 a
Österreich

Monopsyllus sp.
Peromyscus maniculatus
Allred, D. M., 1968 a
National Reactor Testing Station, Idaho

Monopsyllus eumolpi
Dipodomys ordii
Eutamias minimus
Perognathus parvus
Peromyscus maniculatus
Spermophilus townsendii
Allred, D. M., 1968 a
all from National Reactor Testing Station, Idaho

Monopsyllus eumolpi eumolpi (Rothschild)
Eutamias minimus
Tamias striatus
Spermophilus franklini
Benton, A. H.; Larson, O. R.; and Van Huizen, B. A., 1971 a
all from Itasca State Park region, Minnesota

Monopsyllus exilis
Dipodomys ordii
Onychomys leucogaster
Peromyscus maniculatus
Allred, D. M., 1968 a
all from National Reactor Testing Station, Idaho

Monopsyllus sciurorum
infectivity, altitude, seasonal distribution
Apodemus flavicollis
Mahnert, V., 1972 a
Tirol, Austria

Monopsyllus sciurorum
Oryctolagus cuniculus
Sciurus vulgaris
Eliomys quercinus
Glis glis
Muscardinus avellanarius
Apodemus flavicollis
Peus, F., 1970 a
all from Germany

Monopsyllus sciurorum sciurorum Schrank
anomalies
Beaucournu, J. C., 1969 b, fig.

Monopsyllus (Monopsyllus) sciurorum sciurorum
Vulpes vulpes
Glis glis
Berlinguer, G., 1964 a, figs.
all from Italy

Monopsyllus sciurorum sciurorum (Schrank, 1803)
Vulpes vulpes
Hinaidy, H. K., 1971 a
Austria

Monopsyllus sciurorum sciurorum
Sciurus vulgaris
Mustela erminea
Martes martes
Meles meles
Felis catus
Apodemus sylvaticus
Homo sapiens
Dryocopus martius
Mehl, R., 1971 a, figs.
all from Norway

Monopsyllus vison (Baker)
Tamiasciurus hudsonicus
Tamias striatus
Glaucomys sabrinus
Spermophilus franklini
Mustela erminea
Benton, A. H.; Larson, O. R.; and Van Huizen, B. A., 1971 a
all from Itasca State Park region, Minnesota

Monopsyllus vison (Baker)
partial castration, genitalia malformation
Haas, G. E., 1972 a
Jemez Mountains, New Mexico

Monopsyllus vison
Tamiasciurus hudsonicus
Mahrt, J.L.; and Chai, S.J., 1972 a
Alberta, Canada

Monopsyllus vison (Baker)
Tamiasciurus hudsonicus
Tamias striatus
Quackenbush, R. E., 1971 a
all from Grout Pond, Windham County, Vermont

Monopsyllus wagneri
Dipodomys ordii
Eutamias minimus
Lepus californicus
Marmota flaviventris
Microtus montanus
Mus musculus
Neotoma cinerea
Onychomys leucogaster
Perognathus parvus
Peromyscus maniculatus
Reithrodontomys megalotis
Spermophilus townsendii
Sylvilagus idahoensis
Sylvilagus nuttallii
Allred, D. M., 1968 a
all from National Reactor Testing Station, Idaho

Monopsyllus wagneri
ectoparasite consortism, mammals
Allred, D. M., 1971 a
National Reactor Testing Station, Idaho

Monopsyllus wagneri (Baker)
ecology, infestation rates compared, deer and harvest mice
Elzinga, R. J.; and Rees, D. M., 1964 b

Monopsyllus wagneri
Peromyscus maniculatis
Ulrich, M. G.; and Vaughn, C. M., 1963 a
South Dakota

Monopsyllus wagneri (Baker)
Peromyscus maniculatus
Wyman, R. L.; and Schaefer, K., 1972 a
Texas Co., Oklahoma

Monopsyllus wagneri systaltus (Jordan)
Blarina brevicauda manitobensis
Buckner, C. H.; and Blasko, G. G., 1969 a
Manitoba

Monopsyllus wagneri wagneri
Peromyscus maniculatus
P. truei
Douglas, C. L., 1969 a, 493
all from Mesa Verde National Park, Colorado

Monstrilla Dana (1848)
Corycaeidae
Brady, G. S., 1880 a, 32, 37
British Isles

Monstrilla anglica Lubbock — Brady, G. S., 1880 a, 37-39
British Isles

Musca autumnalis
feeding activity, kerato-conjunctivitis, calves — Brown, J. F.; and Adkins, T. R. (jr.), 1972 a

Musca autumnalis
age, nutrition, gonadal development, mating behavior — Chaudhury, M. F. B.; and Ball, H. J., 1973 a

Musca autumnalis
female sex pheromone, role in sexual behavior — Chaudhury, M.F.B.; Ball, H.J.; and Jones, C.M., 1972 a

Musca autumnalis
activity, temperature, humidity, wind speed, sun, shade, cow posture, sprays, time of day — Engroff, B.W.; Knudsen, J.H.; and Hansens, E. J., 1972 a
New Jersey

Musca autumnalis
field and laboratory evaluation, parasitism — Hayes, C. G.; and Turner, E. C. (jr.), 1971 a
Virginia

Musca autumnalis De Geer
morphology, sense organs, ovipositor — Hooper, R. L.; Pitts, C. W.; and Westfall, J. A., 1972 a, figs.

Musca autumnalis De Geer
cattle, control, dust bags with crotoxyphos, backrubbers with toxaphene 6 EC, comparison — Kessler, H.; and Berndt, W.L., 1971 a

Musca autumnalis
Sterculia foetida oil, longevity and sterility — Lang, J. T.; and Treece, R. E., 1971 a

Musca autumnalis
sterility inducement, boric acid — Lang, J. T.; and Treece, R. E., 1972 a

Musca autumnalis
insecticides, ultralow volume application, review — Lofgren, C. S., 1970 a

[Musca autumnalis] face fly
insectides, dairy cattle — Ontario Live Stock Pesticide Sub-Committee, 1971 a

[Musca autumnalis] face fly
insecticides, beef cattle — Ontario Live Stock Pesticide Sub-Committee, 1971 b

Musca autumnalis
humidity responses — Roberts, L. W., 1970 a

Musca autumnalis
annotated bibliography — Smith, T. A.; and Linsdale, D. D., 1971 a
North America

Musca autumnalis
darkening of anal organ, parasitized by Heterotylenchus autumnalis — Stoffolano, J. G. (jr.), 1971 a, fig.

Musca autumnalis De Geer
parasitized by Heterotylenchus autumnalis, collection methods compared, gonadotrophic cycles — Thomas, G.D.; Puttler, B.; and Morgan, C.E., 1972 a
central Missouri

Musca autumnalis, DeGeer
courtship, comparison with the housefly — Tobin, E. N.; and Stoffolano, J. G. (jr.), 1973 a

Musca autumnalis
control, poultry houses, insecticide — Wetzel, H.; and Lüders, H., 1971 a

Myacarus arvicolae
Clethrionomys glareolus — Mahnert, V., 1971 a
the Tirol, Austria

Myacarus hypudaei (C. L. Koch)
Sorex araneus — Pinchuk, L. M., 1968 a
Moldavia

Myiasis
infant, Fannia canicularis, Muscina stabulans — Aspöck, H., 1972 a

Myiasis
ruelene, dylox, review — Baker, N. F., 1966 a

Myiasis
human, leprosy, nasal lesions — Banswar, J., 1962 a
India

Myiasis
wild mammals, review — Capelle, K. J., 1971 a, figs.

Myiasis
human eye, differential diagnosis, etiology, clinical review — Cati, P., 1965 a

Myiasis
domestic animals, review — Chirinos Rodríguez, A. R., 1972 a
Venezuela

Myiasis
human eye, case report, probable transmission from domestic animals living in same dwelling — Choudhury, A. R., 1969 a
East Pakistan

Myiasis
blowflies, sheep, review — Cox, K. J., 1972 b

Myiasis
accidental myiasis in human oral cavity, probable cause of "dental worms", Polish historical medical papers — Dorsz, E., 1970 a

Myiasis
flystrike, control, sheep — Fels, H. E., 1971 a

Myiasis
flystrike, control, sheep — Fels, H. E., 1971 b

Myiasis
sheep, control — Fels, H. E., 1971 c

Myiasis
child, eye, case report — Jônatas Azevedo, D., 1970 a
Brazil

Myiasis
child, ophthalmomyiasis interna, case report — Kadlecová, V., 1965 a
Czechoslovakia

Myiasis
Lucilia sericata, sheep — Ribbeck, R.; El Sabban, M.; and Hiepe, T., 1970 a

Myobia musculi
laboratory animals, ditiosianodietieleter — van Aswegen, P. I. M.; Hesse, P.; and Howell, C. J., 1971 a

Myobia musculi
Mus musculus — Clark, D. E., 1971 a
Terre Haute, Indiana

Myobia musculi
insecticides, mice — Constantin, M. L., 1972 a

Myobia musculi (Schrank, 1781)
anomalous specimen described
Mus musculus — de la Cruz, J., 1971 a
Cuba

Myobia musculi Schrank
Mus musculus — Manischewitz, J. R., 1966 a
New Jersey

Myobia musculinus [i.e.?, musculi]
Peromyscus maniculatus (hair) — Ulrich, M. G.; and Vaughn, C. M., 1963 a
South Dakota

Myobia oudemansi (Poppe, 1909)
Eliomys quercinus — Beron, P., 1971 a
France

Myocoptes Claparède, 1869 — Fain, A., 1970 a
Myocoptidae Gunther, 1942
includes subgens.: Myocoptes Claparède, 1869; Comyoptes n. subg.
key to African species

Myocoptes Claparède, 1869 — Fain, A., 1970 a
subgen. of Myocoptes Claparède, 1869 — tod of subgen.: M. (M.) musculinus (Koch, 1844)

Myocoptes sp. — Elzinga, R. J.; and Rees, D. M., 1964 b
ecology, infestation rates compared, deer and harvest mites

Myocoptes (Myocoptes) dendromus nov. spec. — Fain, A., 1970 a, 5, 18-19
key — Luluabourg, Congo
Dendromus pumilio (poil du ventre)

Myocoptes (Myocoptes) gerbillicola nov. spec. — Fain, A., 1970 a, 4, 5, 20-23, figs. 15-18
key
Taterillus sp. (face interne de la cuisse) — Parc National de la Garamba, Congo
Taterillus congicus (cuisse) — Poko, Uele, Congo
Tatera dichrura — " Doruma, Congo

Myocoptes (Myocoptes) grammomys nov. spec. — Fain, A., 1970 a, 4, 5, 9-13, figs. 5-8
key — Katanga, Congo; Funda Biabo, Congo
Grammomys dolichurus

Myocoptes (Myocoptes) hybomys nov. spec. — Fain, A., 1970 a, 62
Hybomys univittatus — Gnenehoroké, Côte d'Ivoire

Myocoptes (Myocoptes) ictonyx nov. spec. — Fain, A., 1970 a, 4, 19-20, figs. 13-14
key — Astrida (actuellement Butare), Rwanda
Ictonyx striatus

Myocoptes kalrai Radford, 1947 — Fain, A., 1970 a, 38
as syn. of Trichoecius kalrai (Radford, 1947)

Myocoptes (Myocoptes) kivuensis nov. spec. — Fain, A., 1970 a, 3, 5, 13, fig. 9
key — Parc National Albert, Kivu, Congo
Dasymys incomtus

Myocoptes (Myocoptes) lepidotus (Lawrence, 1956) — Fain, A., 1970 a, figs.
key
Syn.: Gliricoptes lepidotus Lawrence, 1956
Aethomys chrysophilus — Afrique du Sud

Myocoptes (Myocoptes) malacomys nov. spec. — Fain, A., 1970 a, 61
Malacomys sp. — Parc National Albert
M. edwardsi — Gnenehoroké, Côte d'Ivoire

Myocoptes musculinus — Aller Gancedo, B.; Martinez Fernández, A.; and Cordero del Campillo, M., 1971 a, figs.
hexachlorobenzene, laboratory mice, associated with ringworm

Myocoptes musculinus — van Aswegen, P. I. M.; Hesse, P.; and Howell, C. J., 1971 a
laboratory animals, ditiosianodietieleter

Myocoptes musculinus (C.L. Koch, 1844) — Beron, P., 1971 a
Rattus rattus — France

Myocoptes musculinus — Constantin, M. L., 1972 a
insecticides, mice

Myocoptes musculinus (Koch, 1844) — de la Cruz, J., 1971 a
Mus musculus — Cuba

Myocoptes (Myocoptes) musculinus (Koch, 1844) (tod of subgen.) — Fain, A., 1970 a
key
Mus musculus brevirostris — Ile Sainte-Hélène
souris blanche de laboratoire — Butare (Rwanda); Blukwa (Congo)

Myocoptes (Myocoptes) nudus nov. spec. — Fain, A., 1970 a, 4, 5, 24-26, figs. 19-22
key — Bukama, Congo
Lophuromys flavopunctatus

Myocoptes (Myocoptes) spinulatus nov. spec. — Fain, A., 1970 a, 4, 5, 16-18, figs. 10-12
key — all from Parc de la Garamba
Dendromus melanotis
D. mesomelas
(pattes postérieures of all)

Myocoptes (Comyoptes) striatus nov. spec. — Fain, A., 1970 a, 4, 29, 30, figs. 25-26
key
Saccostomus campestris — Funda Biabo, Congo
Steatomys opimus gazellae — Doruma, Congo

Myocoptes (Comyoptes) verrucosus nov. spec. (tod of subgen.) — Fain, A., 1970 a, 3, 4, 27, 28, figs. 23-24
key — Nambivimi, Parc National de la Garamba, Congo; Parc National Albert
Tatera sp.

Myodopsylla insignis (Rothschild) — Benton, A. H.; Larson, O. R.; and Van Huizen, B. A., 1971 a
Myotis lucifugus — Itasca State Park region, Minnesota

Myodopsylla insignis (Rothschild) — Buckner, C. H., 1971 a
Myotis l. lucifugus — near Pinawa, Manitoba

Myodopsylla insignis (Rothschild) — Holland, G.P.; and Benton, A. H., 1968 a
Myotis lucifugus — Pennsylvania

Myonyssus decumani Tiraboschi, 1904 — Garrett, D. A.; and Allred, D. M., 1971 a, 296, 297
key
Apodemus sylvaticus — Boronova, Turkey
Apodemus — Gordes, Turkey
Mus musculus — Boronova, Gordes, Guzelbahce, Kemalpasa, Tekeli and Yamanlar, Turkey

Myonyssus gigas — Garrett, D. A.; and Allred, D. M., 1971 a, 296, 297
key — Yamanlar, Turkey
Apodemus sylvaticus

Myonyssus gigas (Oudems.) — Pinchuk, L. M., 1968 a
Sorex araneus — all from Moldavia
Talpa europaea

Myonyssus ingricus — Edler, A.; and Mehl, R., 1972 a
Sorex araneus — Norway

Myonyssus ingricus — Mahnert, V., 1971 a
Sorex araneus — the Tirol, Austria

Myonyssus jamesoni — Whitaker, J. O. (jr.); and Mumford, R. E., 1972 a
Blarina brevicauda — all from Indiana
Cryptotis parva

Myonyssus rossicus — Mahnert, V., 1971 a
Apodemus flavicollis — the Tirol, Austria

Myotrombicula sp. — Dusbábek, F., 1970 a
Tadarida brasiliensis — La Municion, Cuba

Myotrombicula hexasternalis sp. n.
Rhinolophus ferrumequinum
R. hipposideros
Shluger, E. G.; and Kudriashova, V. I., 1969 a, 115-117, figs. 1-7
all from Kirgizia, Oshskaia oblast, Aravan

Myoxopsylla jordani
Apodemus (Sylvimus) mystacinus
A. (Sylvimus) sylvaticus
Glis glis
Dyromys nitedula
Alaniia, I. I.; Dzneladze, M. T.; Rostigaev, B. A.; and Shiranovich, P. I., 1971 a
all from Adjarian ASSR

Myoxopsylla laverani
Eliomys quercinus
Glis glis
Peus, F., 1970 a
all from Germany

Myrmicocheyla clavipes Volgin
morphological peculiarities, ontogenetical development
Volgin, V. I., 1966 c, figs. 8-9

Myrsidea Waterston
taxonomic revision, key to species
Tandan, B. K.; and Clay, T., 1971 a

Myrsidea sp.
[Turdus ruficollis atrogularis]
Shcherbinina, O. Kh.; and Kurbanova, D. B., 1969 a
Ashkhabad

Myrsidea sp.
Uchikawa, K., 1970 a
Nagano Prefecture

Myrsidea bharat sp. n.
key
Turdoides malcolmi
Tandan, B. K.; and Clay, T., 1971 a, 210, 216-218, 234, figs. 3, 14, 34
India: Rajputana, Deccan, Hyderabad

Myrsidea breviterga sp. n.
key
Turdoides jardineii
Tandan, B. K.; and Clay, T., 1971 a, 224-226, 234, figs. 7, 8, 21, 23, 41
N. Transvaal (Mabelikwa); E. Transvaal (Newington); Rhodesia (Salisbury)

Myrsidea cecilae n. sp.
Klockenhoff, H., 1972 a, 254-257, figs. 3-5

Myrsidea cecilae cecilae n. sp. et n. ssp.
Corvus orru cecilae
Klockenhoff, H., 1972 a, 254-257, figs. 3-5
N. T., Queensland, and N. S. W., Australia

Myrsidea cecilae insularis n. ssp.
Corvus orru insularis
Klockenhoff, H., 1972 a, 257, 258, fig. 6
Gaulim, New Britain

Myrsidea chilchil Ansari, 1951
key, redescription
Syn.: M. lyallpurensis Ansari 1951, syn. n.
Tandan, B. K.; and Clay, T., 1971 a, 219-222, 234, figs.
Turdoides c. caudatus — Pakistan, India
T. squamiceps yemensis — Aden
T. squamiceps — Israel, Palestine, Arabia

Myrsidea clamosae sp. n.
key
Tandan, B. K.; and Clay, T., 1971 a, 211, 230-234, pl. 1, fig. 5; 10, 18, 26, 28-30, 44, 45
Turdoides melanops clamosus — Kenya
T. plebejus platycircus — Senegal
T. bicolor — Transvaal

Myrsidea franciscoloi n. sp.
Cinclus c. meridionalis
Conci, C., 1943 b, 287-289, figs. 1-3
Liguria

Myrsidea guimarãesi n. sp.
Hirundo smithi smithi
Tendeiro, J., 1958 f, 223, 227-229, 230, figs. 2-4, 7; pl. 3, photos 5-6
Mozambique

Myrsidea lyallpurensis Ansari 1951
as syn. of M. chilchil Ansari, 1951
Tandan, B. K.; and Clay, T., 1971 a, 219

Myrsidea meinertzhageni sp. n.
key
Tandan, B. K.; and Clay, T., 1971 a, 211, 226-230, 234, pl. 1, fig. 3; 9, 17, 22, 24, 25, 27, 42, 43
Turdoides fulvus billypayni — Morocco
T. fulvus acaciae — Egypt, Sudan
T. fulvus maroccanus — Morocco

Myrsidea novabritannica n. sp.
Corvus orru insularis
Klockenhoff, H., 1972 a, 263-265, figs. 9-10
Talliliqap and Gaulim, New Britain

Myrsidea rustica Giebel
Hirundo rustica rustica
Tendeiro, J., 1958 f, figs.

Myrsidea salimalii sp. n.
key
Turdoides earlei
Tandan, B. K.; and Clay, T., 1971 a, 211, 222-224, 234, pl. 1, fig. 2; 6, 20, 39, 40
Pakistan (Sind); India (Delhi)

Myrsidea satbhai Ansari, 1951
key, redescription
Tandan, B. K.; and Clay, T., 1971 a, 213-216, 234, figs.
Turdoides s. stristus — Pakistan, Nepal, India
T. striatus sindianus — Pakistan
T. striatus somervillei — India
T. melanops vepres — Kenya

Myrsidea schizotergum n. sp.
Klockenhoff, H., 1972 a, 258, 259, 260-261, fig. 7

Myrsidea schizotergum arafura n. ssp.
Corvus orru cecilae
Klockenhoff, H., 1972 a, 259, 261-262, fig. 8
Smith Point, Port Essington. N. T., Australia

Myrsidea schizotergum schizotergum n. sp. et n. ssp.
Corvus orru cecilae
Klockenhoff, H., 1972 a, 258, 259, 260-261, fig. 7
Townsville, Queensland, Australia

Myrsidea séguyi n. sp.
Urolestes melanoleucus melanoleucus
Tendeiro, J., 1958 f, 224, 230-232, figs. 8-9, pl. 5, photos 9-10
Mozambique

Myrsidea thoracica (Giebel, 1874)
ecology, Turdus m. merula
Baum, H., 1968 a, figs. 4a-b

Mytilicola fimbriatus sp. n.
Arca decussata (intestine)
Humes, A. G.; and Ho, J.-S., 1970 a, 584-587, figs. 1-15
Pte. Lokobe, Nosy Bé, Madagascar

Mytilicola intestinalis Steuer
Mytilus edulis (recurrent intestine, rectum, stomach)
Campbell, S. A., 1970 a
Brighton, England

Myzopontius gen. nov.
Ascomyzontidae; Dyspontiinae subfam. n.
Giesbrecht, W., 1895 b, 182
mt: M. pungens n. sp.

Myzopontius pungens n. gen., n. sp. (mt)
Giesbrecht, W., 1895 b, 182
Naples

Nacbranchia lizae Kryer — Pearse, A. S., [1953 c]
Ogcocephalus radiatus (gills)
O. nasutus
Mugil cephalus
Chilomycterus schoepfi
all from Alligator Harbor, Florida

Nacbranchia variabilis Brian — Pearse, A. S., [1953 c]
Centropristes striatus (gill)
Diplectum formosum
Haemulon plumieri
all from Alligator Harbor, Florida

Nasicola annerauxi Brennan and Yunker, 1969 — Brennan, J. Y.; and Lukoschus, F. S., 1971 a
Noctilio labialis (nasal passages)
Surinan

Nearctopsylla g. genalis (Baker) — Holland, G.P.; and Benton, A. H., 1968 a
Blarina brevicauda
Sorex fumeus
S. dispar
Condylura cristata
Mustela frenata noveboracensis
all from Pennsylvania

Nearctopsylla genalis hygini (Rothschild) — Buckner, C. H.; and Blasko, G. G., 1969 a
Blarina brevicauda manitobensis
Manitoba

Nectobrachia indivisa Fraser 1920 — Kabata, Z.; and Cousens, B., 1972 a, figs.
structure, attachment organ

Neresis tiburo n. sp. — Pearse, A. S., [1953 c], 217-219, figs. 74-81
Sphyrna tiburo (gill)
Alligator Harbor, Florida

Neoacaropsis granulatus Volgin — Volgin, V. I., 1966 c, fig. 5
morphological peculiarities, ontogenetical development

Neoacaropsis rohdendorfi Volgin — Volgin, V. I., 1966 c, fig. 6
morphological peculiarities, ontogenetical development

Neocheyletiella chanayi (Berl. et Trt.) — Shcherbinina, O. Kh.; and Kurbanova, D. B., 1969 a
[Passer montanus]
Ashkhabad

Neocheyletiella heteropalpa (Mégnin, 1878) — Brown, N. S., 1971 a
Columba livia
Boston

Neocnemidocoptes Fain, 1966 — Pence, D. B., 1972 c
Knemidokoptinae, key

Neocolpocephalum Uchida, 1926 — Eichler, W.; and Złotorzycka, J., 1971 a
diagnosis, includes subgen.: Neocolpocephalum; Vulturigogus; Pricebeeria nov. subgen.

Neocolpocephalum s. str. subgen. of Neocolpocephalum — Eichler, W.; and Złotorzycka, J., 1971 a
type of subgen.: Neocolpocephalum (N.) turbinatum (Denny, 1842)

Neocolpocephalum (Neocolpocephalum) ailurum (Nitzsch in Giebel, 1861) — Eichler, W.; and Złotorzycka, J., 1971 a

Neocolpocephalum (Neocolpocephalum) angolensis (Price and Beer, 1963) — Eichler, W.; and Złotorzycka, J., 1971 a

Neocolpocephalum (Neocolpocephalum) apivorus (Tendeiro, 1958 — Eichler, W.; and Złotorzycka, J., 1971 a

Neocolpocephalum (N.) bicinctum (Nitzsch in Giebel, 1861) — Eichler, W.; and Złotorzycka, J., 1971 a

Neocolpocephalum (Vulturigogus) californici (Price and Beer, 1963) — Eichler, W.; and Złotorzycka, J., 1971 a

Neocolpocephalum (Neocolpocephalum) caudatum (Giebel, 1874) — Eichler, W.; and Złotorzycka, J., 1971 a

Neocolpocephalum chelictiniae (Price and Beer, 1963) — Eichler, W.; and Złotorzycka, J., 1971 a
not placed in subgen.

Neocolpocephalum (Neocolpocephalum) costaricense (Carriker, 1903) — Eichler, W.; and Złotorzycka, J., 1971 a

Neocolpocephalum (Neocolpocephalum) cucullare (Giebel, 1874) — Eichler, W.; and Złotorzycka, J., 1971 a

Neocolpocephalum (Neocolpocephalum) ecaudati (Price and Beer, 1963) — Eichler, W.; and Złotorzycka, J., 1971 a

Neocolpocephalum (Pricebeeria) eugenii (Eichl. and Złot., 1963) [n. comb.] (type of subg.) — Eichler, W.; and Złotorzycka, J., 1971 a, 28

Neocolpocephalum (Pricebeeria) femellus (Eichl. and Złot., 1963) — Eichler, W.; and Złotorzycka, J., 1971 a

Neocolpocephalum (Vulturigogus) foetens Eichler, 1954 — Eichler, W.; and Złotorzycka, J., 1971 a

Neocolpocephalum (Neocolpocephalum) germanum nov. spec. — Eichler, W.; and Złotorzycka, J., 1971 a, 23, 24, 25, 26, figs. 2-4
Accipiter nisus
Berlin

Neocolpocephalum (Pricebeeria?) griffonae Ansari, 1955 — Eichler, W.; and Złotorzycka, J., 1971 a

Neocolpocephalum (Pricebeeria?) gypae Qadri, 1935 — Eichler, W.; and Złotorzycka, J., 1971 a

Neocolpocephalum (Pricebeeria) gypsi nov. spec. — Eichler, W.; and Złotorzycka, J., 1971 a, 26-27, figs. 7-10
Gyps fulvus
Tschechoslowakei; Zoo Leipzig

Neocolpocephalum (Neocolpocephalum) indi (Price and Beer, 1963) — Eichler, W.; and Złotorzycka, J., 1971 a

Neocolpocephalum (Vulturigogus) kelloggi (Osborn, 1902) [n. comb.] (type of subgen.) — Eichler, W.; and Złotorzycka, J., 1971 a, 29

Neocolpocephalum (Neocolpocephalum) major (Piaget, 1885) — Eichler, W.; and Złotorzycka, J., 1971 a

Neocolpocephalum (Vulturigogus) megalops (Giebel, 1874) [n. comb.] — Eichler, W.; and Złotorzycka, J., 1971 a

Neocolpocephalum (Neocolpocephalum) osborni (Kellogg, 1896) — Eichler, W.; and Złotorzycka, J., 1971 a

Neocolpocephalum (Neocolpocephalum) oxyurum (Nitzsch in Giebel, 1861) — Eichler, W.; and Złotorzycka, J., 1971 a

Neocolpocephalum (Pricebeeria?) percnopteri (Price and Beer, 1963) — Eichler, W.; and Złotorzycka, J., 1971 a

Neocolpocephalum (Neocolpocephalum) polonum nov. spec.
Accipiter gentilis — Eichler, W.; and Złotorzycka, J., 1971 a, 25, 26, figs. 5-6
Ruda Sułowska, Polen

Neocolpocephalum (N.) setosum (Piaget, 1885) — Eichler, W.; and Złotorzycka, J., 1971 a

Neocolpocephalum (Vulturigogus) trichosum (Harrison, 1916) — Eichler, W.; and Złotorzycka, J., 1971 a

Neocolpocephalum (Neocolpocephalum) tricinctum dissimile (Piaget, 1880) — Eichler, W.; and Złotorzycka, J., 1971 a

Neocolpocephalum (Neocolpocephalum) tricinctum tricinctum (Nitzsch in Giebel, 1861) — Eichler, W.; and Złotorzycka, J., 1971 a

Neocolpocephalum (N.) tricinctum wetzeli Eichler, 1941 — Eichler, W.; and Złotorzycka, J., 1971 a

Neocolpocephalum (Neocolpocephalum) turbinatum (Denny, 1842) (type of subgen.) — Eichler, W.; and Złotorzycka, J., 1971 a, 20, fig.

Neocuterebra squamosa Grünberg
+Loxodonta africana — Zumpt, F.K.E.; and Wetzel,H., 1970 a, figs.

Neohaematopinus appressus n. sp.
Tamiops r. rodolphei
Callosciurus macclellandi — Johnson, P. T., 1972 c, 389-392, figs. 1-7
18 km NW Xieng Khouang, Laos
Xieng Khouang Province, Lat Huang, Laos

Neohaematopinus citellinus Ferris, 1942
Ammospermophilus leucurus extimus — Emerson, K. C., 1971 c
Baja California Del Sur, Mexico

Neohaematopinus citellinus
Spermophilus tereticaudus neglectus (legs, rump, genitalia) — Lang, J. D., 1972 a
near Tucson, Arizona

Neohaematopinus inornatus
Neotoma cinerea — Allred, D. M., 1970 d
near Idaho Falls, Idaho

Neohaematopinus inornatus (Kellogg & Ferris)
Neotoma cinerea occidentalis
N. cinerea — Spencer, G. J., 1966 a
all from British Columbia

Neohaematopinus laeviusculus
Eutamias minimus
Marmota flaviventris
Perognathus parvus
Peromyscus maniculatus
Spermophilus townsendii — Allred, D. M., 1970 d
all from near Idaho Falls, Idaho

Neohaematopinus laeviusculus
Spermophilus (=Citellus) columbianus
S. richardsonii — Hilton, D. F. J.; and Mahrt, J. L., 1971 b
all from Alberta

Neohaematopinus laeviusculus (Grube)
Spermophilus columbianus columbianus
S. undulatus parryi
S. undulatus — Spencer, G. J., 1966 a
all from British Columbia

Neohaematopinus laeviusculus Grube
Citellus citellus — Voicu, M., 1968 a
Roumania

Neohaematopinus marmotae
Marmota flaviventris
Peromyscus maniculatus — Allred, D. M., 1970 d
all from near Idaho Falls, Idaho

Neohaematopinus marmotae Ferris
Marmota flaviventris avara
M. monax petrensis
M. caligata okanagana
M. caligata nivaria
Cynomys ludovicianus ludovicianus
Mustela frenata nevadensis — Spencer, G. J., 1966 a
all from British Columbia

Neohaematopinus neotomae Ferris, 1942
Neotoma alleni alleni — Emerson, K. C., 1971 c
Sinaloa, Mexico

Neohaematopinus pacificus
Eutamias minimus
Perognathus parvus
Peromyscus maniculatus
Reithrodontomys megalotis
Spermophilus townsendii — Allred, D. M., 1970 d
all from near Idaho Falls, Idaho

Neohaematopinus sciuri (Jancke, 1931)
Sciurus vulgaris — Bouvier, G., 1965 b, fig. 5
Switzerland

Neohaematopinus sciuri Jancke, 1933
Sciurus carolinensis — Dansby, K.N.; and Shoemaker, J.P., 1971 a
West Virginia

Neohaematopinus sciuri
Sciurus carolinensis — Parker, J. C.; and Holliman, R. B., 1971 a
North Carolina

Neohaematopinus sciuri
Sciurus carolinensis — Parker, J. C.; and Holliman, R. B., 1972 a
Virginia

Neohaematopinus sciurinus
Tamiasciurus hudsonicus — Mahrt, J.L.; and Chai, S.J., 1972 a
Alberta, Canada

Neohaematopinus sciurinus Mjöberg
Tamiasciurus hudsonicus streatori
T. hudsonicus columbiensis
T. hudsonicus lanuginosus
Sciurus carolinensis pennsylvanicus — Spencer, G. J., 1966 a
all from British Columbia

Neohaematopinus sciuropteri (Osborn)
Glaucomys sabrinus alpinus
G. sabrinus columbiensis
G. sabrinus oregonensis
G. sabrinus
Eutamias amoenus affinis — Spencer, G. J., 1966 a
all from British Columbia

Neohaematopinus suahelicus Ferris, 1923
Paraxerus cepapi — Kim, K. C.; and Emerson, K. C., 1970 a, 396
Mozambique

Neolaelaps spinosa (Berlese, 1910)
Pavo cristatus — Bhattacharyya, S. K., 1971 a
Supkhar, Halon Valley, Balaghat District

Neolinguatula nuttalli
morphology, muscles, locomotion — von Haffner, K., 1972 a, figs.

Neomyobia chiropteralis (Michael, 1884)
Rhinolophus hipposideros — Beron, P., 1971 a
France

Neomyobia luzonensis Womersley, 1957
Pipistrellus mimus — Mitchell, C. J., 1970 a
Calcutta, India

Neomyobia rollinati (Poppe, 1908) — Beron, P., 1971 a, France
Rhinolophus ferrumequinum

Neomyobia slovenica Dusbábek, 1969 — Beron, P., 1971 a, France
Rhinolophus euryale

Neomyocoptes Lawrence, 1953 — Fain, A., 1970 a, 36
as syn. of Trichoecius Canestrini, 1899

Neomyocoptes kalrai — Fain, A., 1970 a, 38
as syn. of Trichoecius kalrai (Radford, 1947)

Neonyssus columbae (Crossley, 1950) — Brown, N. S., 1971 a, Boston
Columba livia

Neonyssus melloi (Castro, 1948) — Brown, N. S., 1971 a, Boston
Columba livia

Neonyssus (Paraneonyssus) pirangae Černý, 1969 — Pence, D. B., 1972 g
as syn. of Ptilonyssus pirangae Černý, comb. n.

Neopsylla sp.
Apodemus sylvaticus — Jameson, E. W. (jr.); and Hsieh, P. Y., 1971 a, fig., Nan-tou Hsien, Sung-chuan Kang, Taiwan

Neopsylla acanthina J. et R. [Eutamias] — Igolkin, N. I., 1960 a, Ob River shore

Neopsylla acanthina Jord. et Rothsch., 1923 — Okuntsova, E. V.; Savitskiĭ, B. P.; and Voronov, G. A., 1970 a, Northern Sakhalin, all from
Clethrionomys rufocanus
Eutamias sibiricus

Neopsylla bidentatiformis Wagn., 1893 — Okuntsova, E. V.; Savitskiĭ, B. P.; and Voronov, G. A., 1970 a, Northern Sakhalin
Clethrionomys rufocanus

Neopsylla constricta n. sp. — Jameson, E. W. (jr.); and Hsieh, P. Y., 1971 a, 381, 383, figs. 1G, H, 2D, G, 3F,H, Hua-lien Hsien, Fen-lin, Lin-tien Shan, Taiwan
Microtus kikuchii

Neopsylla inopina — Hilton, D. F. J.; and Mahrt, J. L., 1971 b, all from Alberta
Spermophilus (=Citellus) columbianus
S. richardsonii

Neopsylla kashmirensis sp. n. — Kulkarni, S. M.; and Bhat, H. R., 1972 a, 513-519, figs. 1-8
Apodemus flavicollis — Kargil, Honaki-Kargil, Baroo-Sokh, Kargil, Pahalgam, India
Rattus rattoides — Kargil, Sonamarg, Rampore, India
Mus musculus — Baroo-Sokh, Kargil, Sonamarg, Pahalgam, Chattarnar-Bandipore, India
Suncus murinus — Ferojpura-Tangmarg, India

Neopsylla mantissa sp. n.
Alticola sp. — Lewis, R. E., 1971 a, 401, 406-408, figs. 14-20, Sagarmatha Zone, Nepal

Neopsylla marleaneae sp. n.
Rattus fulvescens
R. rattoides — Lewis, R. E., 1971 a, 401, 408, 410-412, figs. 21-26, all from Nepal

Neopsylla marleaneae.--Continued.
R. norvegicus
R. rattus
R. nitidus
R. niviventer
Rattus sp.
Soriculus nigrescens
Ochotona roylei
Alticola roylei
Mus musculus — Lewis, R. E., 1971 a.--Continued.

Neopsylla mustelae n. sp.
Mustela sibirica davidiana — Jameson, E. W. (jr.); and Hsieh, P. Y., 1971 a, 381, 383-384, figs. 1 I-K, 2A, H, 3C, D, (Ho-huan Pass), Ta-yu-ling, Hua-lien Hsien, Taiwan

Neopsylla nebula n. sp.
Microtus kikuchii — Jameson, E. W. (jr.); and Hsieh, P. Y., 1971 a, 381, 384, 386, figs. 1D, F, 2B, F, 3A, B, Nan-tou Hsien, Jen-ai, Tsui-feng, Taiwan

Neopsylla pagea sp. n.
Alticola sp.
mouse
Ochotona sp. — Lewis, R. E., 1971 a, 401, 402, 404-406, figs. 7-13, all from Nepal

Neopsylla pleskei ariana ssp. n. — Ioff, I. G., 1949 a, 97-98, 175, 179
[inadvertently given species rank on pp. 97, 175 (host list)]
Cricetulus migratorius — all from Kirgiz
Silvimus silvaticus
Mus musculus
[rat]
Alticola argentata

Neopsylla secura — Lewis, R. E., 1971 a, figs., all from Nepal
Mus musculus
Soriculus sp.
Rattus sp.
Alticola sp.

Neopsylla setosa — Mialkovskaia, S. A.; and Briukhanova, L. V., 1972 a, Dagestan
Citellus pygmaeus burrows, host aestivation

Neopsylla specialis ssp. — Jameson, E. W. (jr.); and Hsieh, P. Y., 1971 a, figs., all from Taiwan
Apodemus sylvaticus semotus
Episoriculus fumidus (=Soriculus fumidus)
Anourosorex squamipes
Rattus coxinga
R. niviventer culturatus
Eothenomys melanogaster

Neoschoengastia [sp.] nr. gallinarum (Hatori) — Brennan, J. M.; and Amerson, A. B., 1971 a, 1311, 1312, 1313, fig. 2
Sterna fuscata (gular region) — Laysan Island, all from
Pluvialis dominica

Neoschoengastia sp.
birds — Doherty, R.L.; et al., 1971 a, Mitchell River, Queensland

Neoschoengastia americana (Hirst) — Crossley, D. A. (jr.); and Proctor, C. W. (jr.), 1971 a
Toxostoma rufum — Clarke County, Georgia
domestic turkey — Oconee and Madison Counties, Georgia
grouse — Chattahoochie National Forest, Georgia

Neoschoengastia americana — Everett, R. E.; Price, M. A.; and Kunz, S. E., 1972 a
- Passer domesticus — Burleson County, Texas
- Richmondena cardinalis — " "
- Coccyzus americanus — " "
- Mimus polyglottos — " "
- Colinus virginianus — Brazos County, Texas
- Dendrocopos scalaris — Burleson County, Texas
- Megaceryle alcyon — Brazos County, Texas
- Quiscalus quiscula — " " "
- Lanius ludovicianus — Burleson County, Texas
- Passerina ciris — " " "
- Sturnella magna — " " "
- Corvus brachyrhynchos — " " "
- Troglodytes aedon — " " "

Neoschöngastia americana — Kunz, S. E.; Price, M. A.; and Everett, R., 1971 a
- Diazinon, Dursban, Ethion, Geigy GS-13005, turkeys

Neoschöngastia americana — Kunz, S. E.; Price, M. A.; and Everett, R. E., 1972 a
- chlorpyrifos, turkeys

Neoschöngastia americana — Kunz, S. E.; and Radeleff, R. E., 1972 a
- turkeys, soil treatment, chlorpyrifos, no toxicologic hazard

Neoschöngastia americana — Price, M. A.; Kunz, S. E.; and Everett, R. E., 1972 a
- turkeys, insecticides

Neoschöngastia americana — Schlinke, J. C.; and Palmer, J. S., 1971 a
- toxicity studies on diazinon, ethion, and methidathion, turkeys

Neoschoengastia (Neoschoengastia) apicosolenidia n. sp. — Vercammen-Grandjean, P. H.; Rohde, C. J. (jr.); and Meshghali, H., 1970 a, 773, 775, 778, fig. 6a-f
- Passer hispaniolensis — all from Kazerun, Iran
- Oenanthe picata

Neoschoengastia atollensis Wharton and Hardcastle — Brennan, J. M.; and Amerson, A. B., 1971 a
- Sterna sumatrana — Enego Island (Erikub Atoll, Marshall Islands)
- Homo sapiens — East Island

Neoschoengastia carveri Wharton and Hardcastle — Brennan, J. M.; and Amerson, A. B., 1971 a
- Nesofregetta albigularis — Phoenix Island

Neoschoengastia covelli Radford, 1953 — Nadchatram, M.; and Traub, R., 1971 a
- as syn. of Helenicula lanius (Radford, 1946)

Neoschoengastia (N.) elegans n. sp. — Vercammen-Grandjean, P. H.; Rohde, C. J. (jr.); and Meshghali, H., 1970 a, 773, 775, 778-779, fig. 7a-f
- Asellia tridens — all from Kazerun, Iran
- Oenanthe picata

Neoschoengastia esorhina sp. n. — Brennan, J. M., 1971 c, 666-667, fig. 1
- Automolus infuscatus (nares) — Ananindeua, Pará, Brazil

Neoschoengastia ewingi Wharton and Hardcastle — Brennan, J. M.; and Amerson, A. B., 1971 a
- +Sterna fuscata (roosting area) — Sand Island
- Anous stolidus — Sand Island
- Pluvialis dominica — Sand Island, Swain's Island, McKean Island
- Sula leucogaster — Wake Island
- Sterna lunata — Phoenix Island

Neoschoengastia (N. [illegible]galerida n. sp. — Vercammen-Grandjean, P. H.; Rohde, C. J. (jr.); and Meshghali, H., 197[illegible] a, 773, 775, 779, fig. 8a-f
- Galerida cristata arvus [illegible]rnix — all from Kazerun, Iran
- Fracias garrulus

Neoschoengastia gallinarum — Goff, M. L., 1971 a
- Pluvialis dominica — Laysan Island
- soil and litter samples — Pearl and Hermes Atoll

Neoschoengastia (N.) judys uthworthi n. sp. — Vercammen-Grandjean, P. H.; Rohde, C. J. (jr.); and Meshghali, H., 1970 a, 773, 775, 779, fig. 9a-f
- Oenanthe picata — Kazerun, Iran

Neoschoengastia (N.) kaliphraka n. sp. — Vercammen-Grandjean, P. H.; Rohde, C. J. (jr. ; and Meshghali, H., 1970 a, 773, 775, 780, fig. 10a-f
- Oenanthe picata — Meshed, Iran

Neoschoengastia (Megaschoengastia) meshghali n. sp. — Vercammen-Grandjean, P. H.; Rohde, C. J. (jr.); and Meshghali, H., 1970 a, 773, 775, 777-778, fig. 5a-f
- Charadrius alexandrinus — Bandar Abbas, Iran

Neoschoengastia (Hypogastia) meshedensis n. sp. — Vercammen-Grandjean, P. H.; Rohde, C. J. (jr.); and Meshghali, H., 1970 a, 773, 775, 780-781, fig. 12a-f
- Oenanthe hispanica — Meshed, Iran

Neoschoengastia namrui Wharton and Hardcastle — Brennan, J. M.; and Amerson, A. B., 1971 a
- Sterna sumatrana — Enego Island

Neoschoengastia (N.) picata n. sp. — Vercammen-Grandjean, P. H.; Rohde, C. J. (jr.); and Meshghali, H., 1970 a, 773, 775, 780, fig. 11a-f
- Oenanthe picata — all from Kazerun, Iran
- Falco columbarius

Neoschoengastia sparsa Schluger, 1955 — Nadchatram, M.; and Traub, R., 1971 a
- as syn. of Helenicula sparsa (Schluger, 1955)

Neoschoengastia thomasi Rad., 1946 — Muliarskaĭa, L. V.; et al., 1971 a
- geographic and seasonal distribution — Western Azerbaĭdzhan

Neoschoengastia [illegible]de, sp. n. archaea (Taufflieb) — Brennan, J. M.; and Amerson, A. B., 1971 a
- Sterna sumatrana — Enego Island

Neotrichodectes sp. — Emerson, K. C., 1971 b
- Conepatus semistriatus yucatanicus — Nicaragua

Neotrichodectes interruptofasciatus — Allred, D. M., 1970 d
- Taxidea taxus — near Idaho Falls, Idaho.

Neotrichodectes mephitidis (Packard, 1872) — Emerson, K. C., 1971 b
- Mephitis macroura richardsoni — Nicaragua

Neotrichodectes mephitidis — Mead, R. A., 1963 a
- Spilogale putorius — all from Sacramento Valley, California
- Mephitis mephitis

Neotrichodectes pallidus (Piaget, 1880) — Emerson, K. C., 1971 b
- Nasua narica narica — Nicaragua

Neotrombicula absoluta Schluger, 1966
key
Apodemus flavicollis
Shluger, E. G.; and Vysotskaĭa, S. O., 1970 a
Transcarpathian region

Neotrombicula austriaca Kepka, 1964
key
Muscardinus avellanarius
Apodemus agrarius
A. sylvaticus
A. flavicollis
Clethrionomys glareolus
Microtus arvalis
Microtus nivalis
Shluger, E. G.; and Vysotskaĭa, S. O., 1970 a, figs.
all from Transcarpathian region

Neotrombicula autumnalis Schaw, 1790
geographic and seasonal distribution
Muliarskaĭa, L. V.; et al., 1971 a
Western Azerbaĭdzhan

Neotrombicula autumnalis Shaw., 1790
key
Apodemus agrarius
A. sylvaticus
Muscardinus avellanarius
Dyromys nitedula
Rattus norvegicus
Apodemus flavicollis
Clethrionomys glareolus
Microtus arvalis
Sorex araneus
Shluger, E. G.; and Vysotskaĭa, S. O., 1970 a, figs.
all from Transcarpathian region

Neotrombicula (Neotrombicula) autumnalis inopinatum (Oudemans, 1909)
Sitta europaea
Sciurus vulgaris
Sixl, W.; and Daniel, M., 1971 a
all from Osterreich

Neotrombicula autumnalis inopinatum
salivary glands, anatomy, histology
Voigt, B., 1971 a

Neotrombicula (Neotrombicula) autumnalis vernalis (Willmann, 1942)
Parus major
Picus canus
Strix aluco
Apodemus flavicollis
Clethrionomys glareolus
Sixl, W.; and Daniel, M., 1971 a
all from Osterreich

Neohaematopinus sp.
Dipodomys ordii
Allred, D. M., 1970 d
near Idaho Falls, Idaho

Neohaematopinus sp.
Sciurus richmondi
Emerson, K. C., 1971 b
Nicaragua

Neohaematopinus sp.
Neotoma mexicanus madrensis
Neotoma phenax
Emerson, K. C., 1971 c
Durango, Mexico
Sinaloa, Mexico

Neotrombicula (N.) balcanica n. sp.
Apodemus sylvaticus (genital region)
Kolebinova, M. G., 1973 a, 695-697, figs. 1-6
Shipka, Kazanlăk, m. Stoletov, Central Balkan Mountains. Bulgaria

Neotrombicula (N.) boroveza n. sp.
Sorex minutus (body)
Vercammen-Grandjean, P. H.; Kolebinova, M. G.; Göksu, K.; and Kepka, O., 1971 a, 1401-1402, 1404, pl. 1, figs. 1-6
Borovez, Rila mountain, Bulgaria

Neotrombicula (Neotrombicula) corvi n. sp.
Corvus cornix
Kolebinova, M. G., 1971 a, 785,787-788, fig. 2
Balkan mountains, t. Godeč, Sofijsko

Neotrombicula (Neotrombicula) creta n. sp.
Rhinolophus hipposideros
Kolebinova, M.; and Vercammen-Grandjean, P. H., 1971 a, 91-92,94, fig. 1
"Grionerida" cave, v. Vafes (Crete)

Neotrombicula crinita Schluger, 1966
geographic and seasonal distribution
Muliarskaĭa, L. V.; et al., 1971 a
Western Azerbaĭdzhan

Neotrombicula (N.) dicoxalae n. sp.
Ovis aries (face, lower parts of limbs)
Vercammen-Grandjean, P. H.; Kolebinova, M. G.; Göksu, K.; and Kepka, O., 1971 a, 1403, 1404, pl. 2, figs. 1-6
Turkish state farm, Karaköy Harasi, near Samsun, Black Sea region

Neotrombicula dubinini Schluger
Sorex araneus
Pinchuk, L. M., 1968 a
Moldavia

Neotrombicula elegans Schluger, 1966
key
Apodemus agrarius
A. flavicollis
A. sylvaticus
Clethrionomys glareolus
Microtus arvalis
Shluger, E. G.; and Vysotskaĭa, S. O., 1970 a
all from Transcarpathian region

Neotrombicula gemini sp. n.
Rattus fuscipes (ears)
Domrow, R., 1971 b, 112-114, figs. 1-8
10 miles north-west of Portland, Victoria

Neotrombicula germanica Willm., 1952
key
Sciurus vulgaris carpathicus
Muscardinus avellanarius
Dyromys nitedula
Apodemus agrarius
A. sylvaticus
A. flavicollis
Clethrionomys glareolus
Microtus arvalis
M. subterraneus
M. nivalis
Sorex araneus
Glis glis
Shluger, E. G.; and Vysotskaĭa, S. O., 1970 a, figs.
all from Transcarpathian region

Neotrombicula (N.) heterotrichia sp. n.
Galerida cristata
Lepus europaeus
Vercammen-Grandjean, P. H.; Rohde, C. J. (jr.); and Meshghali, H., 1970 a, 773, 774, 776, fig. 1a-f
Isfahan, Iran
Bandar Abbas, Iran

Neotrombicula japonica
morphology, taxonomy, scanning electron microscopy
Sasa, M.; et al., 1971 a

Neotrombicula japonica Tan., Kaiwa, Teram. et Kag., 1930
key
Apodemus agrarius
A. sylvaticus
A. flavicollis
Microtus arvalis
Sorex araneus
Shluger, E. G.; and Vysotskaĭa, S. O., 1970 a, figs.
all from Transcarpathian region

Neotrombicula (Neotrombicula) kepkai n. sp.
Apodemus sylvaticus
Kolebinova, M. G., 1971 a, 785-786, fig. 1
Balkan Mountains, v. Gurkovo, Karlovsko

Neotrombicula microti
Sorex palustris
Whitaker, J. O. (jr.); and Schmeltz, L. L., 1973 a
St. Louis County, Minnesota

Neotrombicula mitamurai
morphology, taxonomy, scanning electron microscopy
Sasa, M.; et al., 1971 a

Neotrombicula nagayoi Sasa, Hayashi, Sato, Miura et Asahima, 1950
key
Apodemus sylvaticus
Microtus nivalis
Clethrionomys glareolus
— Shluger, E. G.; and Vysotskaia, S. O., 1970 a, figs. all from Transcarpathian region

Neotrombicula pomeranzevi Schlug.
ecology
Apodemus silvaticus
Clethrionomys glareolus
C. rutilus
Microtus arvalis
— Nazarova, I. V., 1970 a all from Raif district, Volga-Kama state reserve, Tartar SSR

Neotrombicula rosickyi Daniel et Zanina, 1966
[Passer montanus]
[Passer hispaniolensis]
[Monticola saxatilis]
[Turdus ruficollis atrogularis]
[Aves]
— Shcherbinina, O. Kh.; and Kurbanova, D. B., 1969 a all from Ashkhabad

Neotrombicula (Neotrombicula) serbovae n. sp.
Apodemus flavicollis
— Kolebinova, M. G., 1972 a, 673-675, figs. 1-5 Sofia district, Bulgaria

Neotrombicula subtilis sp. n.
Apodemus sylvaticus
— Shluger, E. G.; and Kudriashova, N. I., 1969 a, 115, 117-118, figs. 8-14 Tadzhikistan: Gissarsk mountain range, Ramit preserve

Neotrombicula talmiensis Schluger, 1955
geographic and seasonal distribution
— Muliarskaia, L. V.; et al., 1971 a Western Azerbaĭdzhan

Neotrombicula talmiensis Schluger
key
— Shluger, E. G.; and Vysotskaia, S. O., 1970 a

Neotrombicula talmiensis carpathicum ssp. new
Muscardinus avellanarius
Apodemus agrarius
A. sylvaticus
A. flavicollis
Clethrionomys glareolus
Microtus arvalis
— Shluger, E. G.; and Vysotskaia, S. O., 1970 a, 153, 161-162, 165, figs. 25-28 all from Transcarpathian region

Neotrombicula tamiyai Phillip & Fuller, 1950
soil and litter samples
— Goff, N. L., 1971 a Pearl and Hermes Atoll

Neotrombicula (Hoffmannina) vercammengrandjeani n. sp.
Clethrionomys glareolus
Pitymys subterraneus (ears of all)
— Kolebinova, M. G., 1971 c, 1397-1399, figs. 1-6 all from Vitinja, Balkan Mountains, Bulgaria

Neotrombicula vulgaris Schluger, 1955
geographic and seasonal distribution
— Muliarskaia, L. V.; et al., 1971 a Western Azerbaĭdzhan

Neotrombicula vulgaris Schlug.
ecology
Sorex araneus
Apodemus agrarius
A. silvaticus
A. flavicollis
Clethrionomys glareolus
C. rutilus
Microtus oeconomus
M. agrestis
M. arvalis
Talpa europaea
— Nazarova, I. V., 1970 a all from Raif district, Volga-Kama state reserve, Tartar SSR

Neotrombicula whartoni Odocoileus virginianus
— Kellogg, F. E.; Kistner, T. P.; Strickland, R. K.; and Gerrish, R. R., 1971 a Georgia

Neotrombicula whartoni (Ewing)
Pitymys pinetorum
Rattus norvegicus
Didelphis virginiana
Microtus pennsylvanicus
— Manischewitz, J. R., 1966 a all from New Jersey

Neotrombicula zachvatkini Schluger, 1948
geographic and seasonal distributior
— Muliarskaia, L. V.; et al., 1971 a Western Azerbaĭdzhan

Neotrombicula zachvatkini Schlug.
ecology
Apodemus agrarius
A. flavicollis
A. silvaticus
Clethrionomys glareolus
C. rutilus
Microtus agrestis
M. arvalis
M. oeconomus
Mus musculus
Sicista betulina
Sorex araneus
— Nazarova, I. V., 1970 a all from Raif district, Volga-Kama state reserve, Tartar SSR

Neotrombicula (Neotrombicula) zachvatkini (Schluger, 1948)
Dendrocopos major
— Sixl, W.; and Daniel, M., 1971 a Osterreich

Neotrombicula zachvatkini salivary glands, anatomy, histology
— Voigt, B., 1971 a

Neottialges (Pelecanectes) eudocimae sp. n.
Eudocimus albus (subcutaneous fat tissues under skin of breast and abdomen)
— Pence, D. B., 1971 b, 1321, figs. 1-6 Laplace, Louisiana, USA

Neottialges (Pelecanectes) eudocimae Pence, 1971
Eudocimus albus
— Pence, D. B., 1972 h Louisiana

Neottialges (Pelecanectes) evansi Fain, 1966
Phalacrocorax auritus
— Pence, D. B., 1972 h Louisiana

Neotyphloceras crassispina hemisus Jordan
Andinomys edax
Phyllotis darwini vaccarum
P. (Graomys) g. griseoflavus
— Giménez, D.F.; Ciccarelli, C. A.; and de la Barrera, J. M., 1964 a Argentina, all from

Nerocila californica Schioedte and Meinert, 1881
Leuresthes tenuis (skin)
— Olson, A. C. (jr.), 1972 a Mission Beach and San Diego Bay

Nesippus Heller, 1868
Pandaridae, key
key to females, includes N. crypturus; N. tigris; N. orientalis; N. vespa
— Cressey, R. F., 1967 a, 5, 59-60

Nesippus alatus Wilson, 1905
as syn. of Nesippus orientalis Heller, 1868
— Cressey, R. F., 1967 a, 60

Nesippus alatus Wilson
Sphyrna tiburo (skin)
— Pearse, A. S., [1953 c] Alligator Harbor, Florida

Nesippus australis Heegaard, 1962
as syn. of N. orientalis Heller, 1868
— Cressey, R. F., 1967 a, 60

Nesippus costatus Wilson, 1924 — Cressey, R. F., 1967 a, 61
as syn. of N. crypturus Heller, 1868

Nesippus crypturus Heller, 1868 — Cressey, R. F., 1967 a, 59, 61-63, figs. 305-324
key
Syns.: N. occultus Wilson, 1924; N. costatus Wilson, 1924; N. gracilis Wilson, 1935
Sphryna mokarran — Sarasota, Florida
Galeocerdo cuvier — " " ; Nosy Bé, Madagascar
Carcharinus milberti — Sarasota, Florida
C. leucas — " " ; Nosy Bé, Madagascar
C. galapagensis — Socorro Island (Pacific)
C. maculipinnis — Nosy Bé, Madagascar
Scoliodon palasorrah — " "
Sphyrna lewini — " "

Nesippus gracilis Wilson, 1935 — Cressey, R. F., 1967 a, 61
as syn. of N. crypturus Heller, 1868

Nesippus incisus Heegaard, 1962 — Cressey, R. F., 1967 a, 60
as syn. of N. orientalis Heller, 1868

Nesippus nana n. sp. [nomen nudum] — Cressey, R. F., 1965 a 2928
+sharks

Nesippus occultus Wilson, 1924 — Cressey, R. F., 1967 a, 61
as syn. of N. crypturus Heller, 1868

Nesippus orientalis Heller, 1868 — Cressey, R. F., 1967 a, 60, 60-61
key
Syns.: Nogagus angustatus Beneden, 1892; Nesippus alatus Wilson, 1905; N. ornatus Thomsen, 1949; N. incisus Heegaard, 1962; N. australis Heegaard, 1962
Ginglymostomum cirratum — Sarasota, Florida
Galeocerdo cuvier — " " ; Nosy Bé
Carcharinus leucas — " " ; Nosy Bé, Madagascar
C. maculipinnis — Sarasota, Florida; Nosy Bé, Madagascar
Sphyrna zygaenae — Durham, South Africa
Scoliodon palasorrah — Nosy Bé, Madagascar
Sphyrna lewini — " " "

Nesippus ornatus Thomsen, 1949 — Cressey, R. F., 1967 a, 60
as syn. of N. orientalis Heller, 1868

Nesippus tigris n. sp. [nomen nudum] — Cressey, R. F., 1965 a, 2928
+sharks

Nesippus tigris n. sp. — Cressey, R. F., 1967 a, 60, 63-65, figs. 325-345
key
Galeocerdo cuvier — Sarasota, Florida; Nosy Bé, Madagascar

Nesippus vespa Kirtesinghe, 1964 — Cressey, R. F., 1967 a, 60, 65-67, figs. 346-356
Rhynchobatus djeddensis — Nosy Bé, Madagascar

Niglaobia — Kethley, J. B., 1970 a, 43
[lapsus for Niglarobia n. gen.]

Niglarobia new genus — Kethley, J. B., 1970 a, 1, 2, 16, 43, 44
Syringophilidae, key
[lapsus p. 43 as Niglaobia] tod: N. ereuneti n. sp.

Niglarobia ereuneti new gen., new sp. (tod) Ereunetes pusillus — Kethley, J. B., 1970 a, 1, 44-46, figs. 25-26
Sapelo Island, Georgia

Niglarobia helleri (Oudemans) new comb. — Kethley, J. B., 1970 a
Syn.: Syringophilus helleri Oudemans, 1904

Niglarobia trouessarti (Oudemans) new comb. — Kethley, J. B., 1970 a
Syn.: Syringophilus trouessarti Oudemans, 1904

Nirmomyia Nitzsch, 1818 — Vanschuytbroeck, R., 1968 a, 14
as syn. of Hippobosca Linné 1758

Nirmus heteroscelis Nitzsch, 1866 — Dalgleish, R. C., 1972 a, 99
as syn. of Penenirmus heteroscelis (Nitzsch, 1866)

Nirmus truncatus von Olfers, 1816 — Ledger, J. A., 1971 a, 39
as syn. of Dennyus (D.) hirundinis (Linnaeus, 1761)

Nitzschia burmeisteri Denny, 1842 — Ledger, J. A., 1971 a, 39
as syn. of Dennyus (D.) hirundinis (Linnaeus, 1761)

Nitzschia minor Kellogg & Paine, 1914 — Ledger, J. A., 1971 a, 39
as syn. of Dennyus (D.) hirundinis (Linnaeus, 1761)

Nogagus Leach, 1819 — Cressey, R. F., 1967 a, 5
as syn. of Pandarus Leach, 1816

Nogagus angustatus Beneden, 1892 — Cressey, R. F., 1967 a, 60
as syn. of Nesippus orientalis Heller, 1868

Nogagus angustulus Gerstaecker, 1854 — Cressey, R. F., 1967 a, 28
as syn. of Gangliopus pyriformis Gerstaecker, 1854

Nogagus gracilis (Burm., 1833) Milne-Edwards, 1840 — Cressey, R. F., 1967 a, 39
as syn. of Dinemoura producta (Müller, 1785) Latreille, 1829

Nogagus grandis Steenstrup and Lutken, 1861 — Cressey, R. F., 1967 a, 25
as syn. of Phyllothyreus cornutus (Milne-Edwards, 1840)

Nogagus latreilli Leach, 1819 — Cressey, R. F., 1967 a, 9
as syn. of Pandarus cranchii Leach, 1819

Nogagus lutkenii Norman, 1868 — Cressey, R. F., 1967 a, 54
as syn. of Echthrogaleus coleoptratus (Guerin-Meneville, 1837)

Nogagus productus Gerstaecker, 1853 — Cressey, R. F., 1967 a, 46
as syn. of Demoleus heptapus (Otto, 1821)

Nosomma — Senevet, G., 1970 a
infra-internal bristles of palps, morphology, location, number

Nosopsyllus s. l. — Goncharov, A. I., 1971 a
independent genus, structure, male aedeagus and IX sternite

Nosopsyllus s. str. — Goncharov, A. I., 1971 a
subgen. of Nosopsyllus, structure, male aedeagus and IX sternite

Nosopsyllus sp.
seasonal periodicity, Rattus rattus tanezumi
Murrell, K. D.; and Cates, M. D., 1970 a
Taiwan

Nosopsyllus (Gerbillophilus) abramovi (I.)
structure, male aedeagus and IX sternite
Goncharov, A. I., 1971 a

Nosopsyllus (Gerbillophilus) a. aralis (Arg.)
structure, male aedeagus and IX sternite
Goncharov, A. I., 1971 a

Nosopsyllus (Gerbillophilus) aralis tschu (Schiranovitsch)
structure, male aedeagus and IX sternite
Goncharov, A. I., 1971 a

Nosopsyllus arcotus
Mus p. platythrix
Funambulus palmarum
Chandrahas, R. K.; and Krishnaswami, A. K., 1971 a
Kolar, India, all from

Nosopsyllus (N.) atlantis
structure, male aedeagus and IX sternite
Goncharov, A. I., 1971 a

Nosopsyllus (N.) barbarus (J. et R.)
structure, male aedeagus and IX sternite
Goncharov, A. I., 1971 a

Nosopsyllus (N.) ceylonensis
structure, male aedeagus and IX sternite
Goncharov, A. I., 1971 a

Nosopsyllus (N.) consimilis (W.)
structure, male aedeagus and IX sternite
Goncharov, A. I., 1971 a

Nosopsyllus (N.) durii Hubbard
structure, male aedeagus and IX sternite
Goncharov, A. I., 1971 a

Nosopsyllus fasciatus (Bosc)
Apodemus sylvaticus
Microtus arvalis sarnius
Crocidura russula
Clethrionomys glareolus caesarius
Rattus
Bishop, I. R., 1972 a
all from Channel Islands

Nosopsyllus fasciatus (Bosc)
Apodemus sylvaticus
Fairley, J. W., 1970 a
Ireland

Nosopsyllus (N.) fasciatus
structure, male aedeagus and IX sternite
Goncharov, A. I., 1971 a

Nosopsyllus fasciatus (Bosc)
Rattus norvegicus
Mephitis mephitis
+Microtus pennsylvanicus (nest)
Holland, G.P.; and Benton, A. H., 1968 a
all from Pennsylvania

Nosopsyllus fasciatus
Pasteurella tularensis, poor survival in larvae
Hood, A. M.; and Molyneux, D. H., 1970 a

Nosopsyllus fasciatus (Bosc)
Layne, J. N., 1971 a
Florida

Nosopsyllus fasciatus
infectivity, altitude, seasonal distribution
Apodemus sylvaticus
Mahnert, V., 1972 a
Tirol, Austria

Nosopsyllus fasciatus
Sciurus vulgaris
Mehl, R., 1971 a
Norway

Nosopsyllus fasciatus
Crocidura russula
Eliomys quercinus
Glis glis
Clethrionomys glareolus
Microtus agrestis
M. arvalis
Arvicola terrestris
Ondatra zibethica
Apodemus flavicollis
A. sylvaticus
A. agrarius
Mus musculus
Rattus rattus
R. norvegicus
Peus, F., 1970 a
all from Germany

Nosopsyllus fasciatus (Bosc)
Apodemus sylvaticus
Microtus agrestis
Clethrionomys glareolus
Sorex araneus
Passer domesticus
Talpa europaea
Roberts, C. J., 1972 a
Lancashire, Cheshire, County Down, Great Britain
Lancashire, Great Britain
Lancashire, Gloucestershire, Great Britain
Lancashire, Great Britain
" " "
Anglesey, Great Britain

Nosopsyllus fasciatus
mating behavior differences between two strains
Rothschild, M.; and Ford, B., 1973 a

Nosopsyllus fasciatus (Bosc)
Rattus norvegicus norvegicus
Schiefer, B. A.; and Lancaster, J. L. (jr.), 1970 a
Arkansas

Nosopsyllus fasciatus
vector, human diseases
Siddiqi, A. A., 1971 a

Nosopsyllus (N.) fidus (J. et R.)
structure, male aedeagus and IX sternite
Goncharov, A. I., 1971 a, fig.

Nosopsyllus (Gerbillophilus) henleyi henleyi (R.)
structure, male aedeagus and IX sternite
Goncharov, A. I., 1971 a

Nosopsyllus (N.) incisus (J. et R.)
structure, male aedeagus and IX sternite
Goncharov, A. I., 1971 a

Nosopsyllus (Gerbillophilus) iranus attenuatus Smit
structure, male aedeagus and IX sternite
Goncharov, A. I., 1971 a

Nosopsyllus (Gerbillophilus) iranus attenuatus Smit, 1960
Meriones tristrami
Sonenshine, D. E.; and Ziv, M., 1971 a
Israel

Nosopsyllus (Gerbillophilus) i. iranus (W. et A.)
structure, male aedeagus and IX sternite
Goncharov, A. I., 1971 a

Nosopsyllus (Gerbillophilus) laeviceps acer (Mikulin)
structure, male aedeagus and IX sternite
Goncharov, A. I., 1971 a

Nosopsyllus (Gerbillophilus) laeviceps ellobii (W.)
structure, male aedeagus and IX sternite, "systematic status requires further elucidation"
Goncharov, A. I., 1971 a

Nosopsyllus (Gerbillophilus) laeviceps ellobii (Wagner, 1933)
Meriones unguiculatus
Smit, F.G.A.M., 1973 a
Mongolia

Nosopsyllus (Gerbillophilus) laeviceps gorganus Klein
structure, male aedeagus and IX sternite
Goncharov, A. I., 1971 a

Nosopsyllus (Gerbillophilus) laeviceps kuznetsovi (Jagubiants)
structure, male aedeagus and IX sternite. "systematic status requires further elucidation"
Goncharov, A. I., 1971 a

Nosopsyllus (Gerbillophilus) l. laeviceps (W.)
structure, male aedeagus and IX sternite
Goncharov, A. I., 1971 a, fig.

Nosopsyllus londiniensis (Rothschild)
Mus musculus
Giménez, L.F.; Ciccarelli, C. A.; and de la Barrera. J. M., 1964 a
Argentina

Nosopsyllus (N.) londiniensis londiniensis (R.)
structure, male aedeagus and IX sternite
Goncharov, A. I., 1971 a

Nosopsyllus (Gerbillophilus) maurus (J. et R.)
structure, male aedeagus and IX sternite
Goncharov, A. I., 1971 a

Nosopsyllus (N.) mikulini
structure, male aedeagus and IX sternite
Goncharov, A. I., 1971 a

Nosopsyllus (N.) mokrzeckyi (W.)
structure, male aedeagus and IX sternite
Goncharov, A. I., 1971 a

Nosopsyllus (Gerbillophilus) m. monstrosus (W.)
structure, male aedeagus and IX sternite
Goncharov, A. I., 1971 a

Nosopsyllus (Gerbillophilus) monstrosus vlasovi (I.)
structure, male aedeagus and IX sternite
Goncharov, A. I., 1971 a

Nosopsyllus (N.) nicanori J.
structure, male aedeagus and IX sternite
Goncharov, A. I., 1971 a

Nosopsyllus (Gerbillophilus) oramus (J.)
structure, male aedeagus and IX sternite
Goncharov, A. I., 1971 a

Nosopsyllus parsus Klein
"possibly, nothing more than a subspecies of N. philippovi (Zagniborodova et Mikulin)"
Goncharov, A. I., 1971 a

Nosopsyllus (N.) philippovi (Zagniborodova et Mikulin)
structure, male aedeagus and IX sternite
Goncharov, A. I., 1971 a

Nosopsyllus (N.) punjabensis
structure, male aedeagus and IX sternite
Goncharov, A. I., 1971 a

Nosopsyllus (N.) simla (J. et R.)
structure, male aedeagus and IX sternite
Goncharov, A. I., 1971 a, fig.

Nosopsyllus (Gerbillophilus) tersus (J. et R.)
structure, male aedeagus and IX sternite
Goncharov, A. I., 1971 a

Nosopsyllus (Gerbillophilus) theodori Smit
structure, male aedeagus and IX sternite
Goncharov, A. I., 1971 a

Nosopsyllus (Gerbillophilus) turkmenicus altisetus (L.)
structure, male aedeagus and IX sternite
Goncharov, A. I., 1971 a

Nosopsyllus (Gerbillophilus) turkmenicus turkmenicus (Vlasov et I.)
structure, male aedeagus and IX sternite
Goncharov, A. I., 1971 a

Nosopsyllus (N. vualis J.
structure, male aedeagus and IX sternite
Goncharov, A. I., 1971 a

Nothoborolochus denticulatus (Bassett-Smith)
redescription
Pillai, N.K., 1971 b, figs.

Nothoborolochus triceros Bassett-Smith
redescription
Pillai, N.K., 1971 b, figs.

Nothrus palustris
Oryctolagus cuniculus
Mead Briggs, A. R.; and Hughes, A. M., 1966 a
localities throughout Great Britain

Nothrus sylvestris
Oryctolagus cuniculus
Mead Briggs, A. R.; and Hughes, A. M., 1966 a
localities throughout Great Britain

Notodelphys sp.
Ascidia monbeya
(cavité incubatrice)
Bocquet, C.; and Stock, J.H., 1960 d
Baie de Morlaix, France

Notodelphys allmani Thorell
Ascidia sp.
A. obliqua
(cavité pharyngienne of a
Bocquet, C.; and Stock, J.H., 1960 d, figs.
all from Rade de Brest

Notodelphys allmani f. spinulosa n. v.
Ci na intestinalis
(cavité pharyngienne
Bocquet, C.; and Stock, J.H., 1960 d, figs. 74-76
Chenal de l'Ile Verte and Baie de Morlaix, France

Notodelphys cryptopyge n. sp.
Pyura savignyi
Bocquet, C.; and Stock, J.H., 1960 d, 124, figs. 3, 4
Baie de Morlaix

Notodelphys elegans Thorell
Ci na intestinalis
Ascidia sp.
Ascidiella sp.
(sac pharyngien of all)
Bocquet, C.; and Stock, J.H., 1960 d
all from Roscoff, France

Notodelphys prasina Thorell
Phallusia mamillata
(sac pharyngien)
Bocquet, C.; and Stock, J.H., 1960 d, fig.
Roscoff, France

Notodelphys rufescens Thorell
(cavité pharyngienne of all)
Ascidiella scabra
Phallusia mamillata
Ascidia sp.
Bocquet, C.; and Stock, J.H., 1960 d, fig.
all from Roscoff, France

Notodelphys transatlantica n. sp.
Clavelina lepadiformis
(cavité pharyngienne)
Bocquet, C.; and Stock, J.H., 1960 d, 124, 124-126, figs. 1,2
Chenal de l'Ile Verte, Roscoff

Notoedres cati
laboratory animals, dimetielftalaat
van Aswegen, P. I. M.; Hesse, P.; and Howell, C. J., 1971 a

Notoedres cati
isolated from skin tunnels, dermatitis
rabbit
Routh, B. C.; and Bhattacharya, N. C., 1970 a
India

Notoedres cati var. cuniculi
rabbits (ear)
Griffiths, R. B.; Zamiridin, M.; and Tan Boon Eng, 1969 a
Selangor; Kuala Lumpur, Malaysia

Notoedres jamesoni Lavoipierre, 1964
Bandicota bengalensis — Mitchell, C. J., 1970 a
Calcutta, India

Notoedres muris
laboratory animals, lindaar — van Aswegen, P. I. M.; Hesse, P.; and Howell, C. J., 1971 a

Notophryxus lateralis — Field, L. H., 1969 a, figs.
morphology, observations of live parasites, larval stages, parasitic castration of host
Nematoscelis difficilis — Santa Barbara Channel, California

Nycteribia s. str. Theodor, 1954
Syn.: Listropoda Kolenati, 1857 — Vanschuytbroeck, P., 1968 a, 20

Nycteribia (N.) allotopa Speiser, 1901
Syn.: N. insolita Scott, 1908 — Vanschuytbroeck, P., 1968 a, 20
Formose: Taïnan

Nycteribia (Stylidia) biarticulata Hermann, 1804
Rhinolophus ferrumequinum — Vanschuytbroeck, P., 1968 a, 22
Sauveterre (Gard)

Nycteribia (Nycteribia) formosana (Karaman, 1939)
Myotis subpilosa Myotis ricketti) — Hůrka, F., 1970 b
Tschifu, Schantung, China

Nycteribia (Stylidia hoogstraali Theodor, 1957 — Vanschuytbroeck, P., 1968 a, 22
Grotte de Mwela Kando (Tenke)

Nycteribia insolita Scott, 1908
as syn. of Nycteribia (N.) allotopa Speiser, 1901 — Vanschuytbroeck, P., 1968 a, 20

Nycteribia (Nycteribia) latreillei (Leach, 1817)
Miniopterus schreibersi — Hůrka, K., 1970 b
Arles, S.-Frankreich
Myotis myotis
Rhinolophus euryale meridionalis x Myotis blythi oxygnathus — Tunis

Nycteribia (N.) parvula Speiser, 1901
Syn.: N. sauteri Scott, 1808 — Vanschuytbroeck, P., 1968 a, 20
Formose: Taïnan

Nycteribia (Nycteribia) pedicularia Latreille, 1805
Eptesicus serotinus
Myotis pellucens (= Myotis capaccinii)
Miniopterus schreibersi — Hůrka, K., 1970 b
all from Mallorca

Nycteribia (Nycteribia) quasiocellata Theodor, 1966 — Hůrka, F., 1970 b
Fledermaus

Nycteribia sauteri Scott, 1808
as syn. of Nycteribia (N.) parvula Speiser, 1901 — Vanschuytbroeck, P., 1968 a, 20

Nycteribia (Nycteribia) schmidlii schmidlii Gobiner, 1853
Miniopterus schreibersi — Hůrka, F., 1970 b
Arles, S.-Frankreich; Nordafrika, Bondfaade; Mallorca
Myotis myotis
Fledermäusen — Arles, S.-Frankreich
Pyrenäen

Nycteribia (N.) schmidlii scotti Falcoz, 1923
Syn.: N. scotti Falcoz, 1923 — Vanschuytbroeck, P., 1968 a, 21
Jadotville

Nycteribia (Stylidia) scissa Speiser, 1901 — Vanschuytbroeck, P., 1968 a, 22
Grotte de Mwela (Tenke)

Nycteribia scotti Falcoz, 1923
as syn. of Nycteribia (N.) schmidlii scotti Falcoz, 1923 — Vanschuytbroeck, P., 1968 a, 21

Nycteribia (Acrocholidia) vexata Westwood, 1835
Miniopterus schreibersi
Myotis myotis
Fledermäusen
Rhinolophus euryale meridionalis x Myotis blythi oxygnathus — Hůrka, K., 1970 b
Arles
Pyrenäen
Tunis

Nycteribiidae
bibliography, species and host synonymy — Thompson, G. B., 1972 a
British Isles

Nycteribosca africana Walker, 1849
Nycteridae
Hipposideros caffer — Vanschuytbroeck, P., 1968 a, 26-27
Katanga
Jadotville

Nycteribosca gigantea Speiser, 1900
= Cephalotes peroni — Hůrka, K., 1970 b
Kalimantan

Nycteriglyphus cheirozeles nov. spec.
Cheirozeles torquatus (membrane alaire, corps) — Fain, A., 1970 g, 2-3, 4, 5, 10, figs. 1-2
Kepong, Selangor, Malaya

Nycteriglyphus laviae n. sp.
Lavia frons — Fain, A., 1970 d, 4, 5, 6-8, figs. 3-4
rivière Akanyaru, Rwanda

Octolasmis mülleri Coker — Pearse, A. S., [1953 c]
Callinectes sapidus (gills, mouth parts) — Alligator Harbor, Florida

Odontacarus sp. — Doherty, R. L.; et al., 1971 a
Wallabia agilis — all from Mitchell River, Queensland
Macropus giganteus

Odontacarus cayolargoensis Brennan — Eads, R. B.; Treviño, H. A.; and Campos, E. G., 1965 a
Liomys irroratus texensis — Cameron County, Texas

Odontacarus cayolargoensis Brennan — Loomis, R. B., 1969 a
Heteromys gaumeri — Yucatan Peninsula, Mexico, all from
Ototylomys phyllotis phyllotis
Peromyscus yucatanicus
Sigmodon hispidus microdon

Odontacarus chiapanensis (Hoffmann) — Loomis, R. B., 1969 a
Ototylomys p. phyllotis — all from Yucatan Peninsula, Mexico
Peromyscus yucatanicus

Odontacarus dentatus (Ewing, 1925) — Goff, M.L.; Loomis, R. B.; and Brennan, J. M., 1972 a, figs.
redescription, larva
Syns.: Trombicula dentata Ewing, 1925; Odontacarus dentata Ewing, 1929; O. dentatus Ewing, 1931; Acomatacarus galli Ewing, 1946; O. galli Brennan & Jones, 1959; A. angulatus Greenberg, 1952
white-tailed deer — Texas
chicken — "
Sylvilagus audubonii — "
Lepus californicus — "
Peromyscus maniculatus — Kansas

Odontacarus galli Brennan & Jones, 1959 — Goff, M. L.; Loomis, R. B.; and Brennan, J. M., 1972 a
as syn. of Odontacarus dentatus (Ewing, 1925)

Odontacarus linsdalei — Allred, D. M., 1970 d
Dipodomys ordii — near Idaho Falls, Idaho

Odontacarus micheneri — Allred, D. M., 1970 d
Dipodomys ordii — near Idaho Falls, Idaho

Odontacarus plumosus Greenberg — Eads, R. B.; Treviño, H. A.; and Campos, E. G., 1965 a
Liomys irroratus texensis — Cameron County, Texas

Odontacarus tuberculatus (Brennan, 1952) — Brennan, J. M.; and Lukoschus, F. S., 1971 a
Proechimys guyannensis — all from Surinam
Philander opossum
Nectomys squamipes melanius

Odontopsyllus dentatus — Allred, D. M., 1968 a
Lepus californicus — all from National Reactor Testing Station, Idaho
Lynx rufus

Odontopsyllus dentatus — Ryckman, R. E., 1971 a
Rattus norvegicus — all from California
Sylvilagus audubonii

Odontopsyllus multispinosus (Baker) — Holland, G.P.; and Benton, A. H., 1968 a
Sylvilagus floridanus — Pennsylvania

Odontopsyllus multispinosus (Baker) — Schiefer, B. A.; and Lancaster, J. L. (jr.), 1970 a
Didelphis marsupialis virginiana — all from Arkansas
Sylvilagus floridanus alacer
Urocyon cinereoargenteus ocythous

Oeciacus gerdheinrichi nov. spec. — Eichler, W., 1942 m, 292-299, fig. 1
+Collocalia spodiopigia (nest) — Celebes

Oedemagena. [See also Warble fly]

Oedemagena Latreille — Wetzel, H., 1972 a
Hypodermatini, key

Oedemagena tarandi L. — Beesley, W. N.; and Breev, K. A., 1969 a
implanted larvae and injected larval extracts in guinea pigs, serological reactions, cross-reactions with Hypoderma bovis

Oedemagena tarandi — Bergerud, A. T., 1971 a
Rangifer tarandus terraenovae — Newfoundland

Oedemagena tarandi — Breev, K. A., 1971 a
control, review

Oedemagena tarandi — Breev, K. A.; and Obrezha, G. N., 1969 a
hemolymph from 3rd instar larvae, saline extract from 1st instar larvae, antigenic properties, passive haemagglutination

Oedemagena tarandi L. — Dorzh, T., 1966 c
+reindeer — Mongolian Peoples Republic

Oestromyia leporina — Čepelák, J., 1971 a, fig.
key

Oestromyia leporina Pall. — Dorzh, T., 1966 c
+Citellus undulatus — Mongolian Peoples Republic

Oestrus — Wetzel, H.; and Bauristhene, E., 1970 a
key to species, third larval stages

Oestrus aureoargentatus Rodhain and Bequaert — Wetzel, H.; and Bauristhene, E., 1970 a
key, third larval stage

Oestrus caucasicus Grunin — Wetzel, H.; and Bauristhene, E., 1970 a
key, third larval stage

Oestrus elephantis Steel, 1878 — Zumpt, F.K.E.; and Wetzel, H., 1970 a
as syn. of Cobboldia elephantis (Steel)

Oestrus macdonaldi Gedoelst — Wetzel, H.; and Bauristhene, E., 1970 a, figs.
key, third larval stage

Oestrus ovis — Balakrishnan, E.; Abraham, J.E.; Naimuddin, M.; and Doraisamy, L.V., 1963 a, fig.
myiasis, human eye, case report — India

Oestrus ovis — Brown, H. S. (jr.); Hitchcock, J. C. (jr.); and Foos, R. Y., 1969 a, fig.
human, case reports, conjunctivitis

Oestrus ovis — Čepelák, J., 1971 a, fig.
key

Oestrus ovis — Chirinos Rodríguez, A. R., 1972 a, fig.
myiasis, domestic animals, review

Oestrus ovis — Eifrig, D. C., 1969 a, figs. 1-2
boy (eye) — Catalina Island, United States

Oestrus ovis — Horak, I. G.; Louw, J. P.; and Raymond, S. M., 1971 a
rafoxanide, sheep

Oestrus ovis
rafoxanide, thiabendazole, Merino lambs
Horak, I. G.; and Snijders, A. J., 1974 a
Transvaal Highveld

Oestrus ovis
ovinos, treatment with Neguvon, BHC, trichlorphon
Lino de Sousa, J.M.P., 1969 a
Portugal

Oestrus ovis
Cythioate, sheep
Lora Ortecho, C. A.; and Marble, D. W., 1966 a

Oestrus ovis
ophthalmomyiasis, human, case reports
Maretić, Z.; Nadenić, L.; Ladavic, J.; and Zekić, R., 1973 a, figs.
Rovinj

Oestrus ovis
sheep
Minář, J.; and Povolný, D., 1971 a
Jalalabad, Kandahar
goat
Jalalabad, Herat

Oestrus ovis
human (eye)
Pasare, Gh.; and Vicas, I., 1969 a, fig.
tanninghouse, Turnu-Séverin
Roumanie

Oestrus ovis or Rhinoestrus purpureus
human (eye)
Pinkerton, A. W., 1971 a
Iran

Oestrus ovis
incidence, pleuropneumonia goats
Ranatunga, P.; and Rajamahendran, P., 1972 a
Ceylon

Oestrus ovis
trichlorphon, ruelene, sheep and goats
Ranatunga, P.; and Weilgama, D. J., 1972 a
Ceylon

Oestrus ovis
survival, host environmental temperature and age
Rogers, C. E.; and Knapp, F. W., 1973 a

Oestrus ovis
human myiasis
Saccà, G.; Gabrielli, L.; and Stella, E., 1964 a

Oestrus ovis
treatment, aerosols
Tonkonozhenko, A. P.; Bukshtynov, V. I.; and Repin, V. M., 1972 a

Oestrus ovis
human eye, case reports, clinical review
Viallefont, H.; Boudet, C.; and Jarry, 1961 a
France

Oestrus ovis Linnaeus
key, third larval stage
Wetzel, H.; and Bauristhene, E., 1970 a, figs.

Oestrus ovis
ovinos, caprinos
Yepez M., M. S.; and Gallardo Zerpa, M., 1971 a
State of Lara, Venezuela

Oestrus variolosus (Loew)
key, third larval stage
Wetzel, H.; and Bauristhene, E., 1970 a, figs.

Oestrus veterinus Clark, 1797
as syn. of Gasterophilus nasalis (Linnaeus, 1758)
Draber-Monko, A., 1969 a, 17

Olabidocarpus Lawrence
redescription, key
McDaniel, B.; and Coffman, C. C., 1970 a

Olabidocarpus americanus McDaniel and Lawrence (1964)
key
McDaniel, B.; and Coffman, C. C., 1970 a

Olabidocarpus lawrencei sp. n., key
Tadarida brasiliensis mexicana
McDaniel, B.; and Coffman, C. C., 1970 a, 223, 226, 227, 228, 229, figs. 4-5
Kleberg County, Kingsville, Texas

Olabidocarpus malayi sp. n.
Pterygistes stenopterus
Fain, A., 1970 c, 298
Kuala-Lumpur

Olabidocarpus whitakeri sp. n., key
Myotis austroiparius mumfordi
McDaniel, B.; and Coffman, C. C., 1970 a, 223, 224-225, 227, figs. 1-3
Lawrence County, Donneheues Cave, Indiana

Olencira praegustator
schooling habits of parasitized menhaden
Guthrie, J.F.; and Kroger, R. L., 1974 a

Olencira praegustator
incidence, pathogenesis of juvenile hosts, affects feeding, growth, behavior
Brevoortia tyrannus (mouth, gills)
Kroger, R. L.; and Guthrie, J. F., 1972 a
Atlantic Ocean and estuaries

Olfersia Leach, 1817
Hippoboscidae, key
Dale, W. E. A., 1969 a, 43,46

Olfersia Macquart, 1835
as syn. of Lynchia Weyenberg, 1881
Vanschuytbroeck, R., 1968 a, 10

Olfersia sp.
Syns.: Pseudolfersia sp., Vásquez (1960); P. sp., Vásquez & Chávez (1960); P. sp., Chávez & Guerrero (1960); P. sp., Chávez & Zaldivar (1967)
Dale, W. E. A., 1969 a, 47

Olfersia aenescens
Sula sula
Lowery, R. S., 1971 a
Aldabra Atoll

Olfersia falcinelli Rondani, 1879
as syn. of Pseudolynchia canariensis (Macquart)
Dale, W. E. A., 1969 a, 48

Olfersia fossulata Macquart
Larus belcheri (plumas)
Pelecanus thagus "
Phalacrocorax bougainvilii (plumas)
Dale, W. E. A., 1969 a, 46-47
Pisco-Ica
"
Islas de Pachacamac-Lima

Olfersia fumipennis (Sahlberg)
Syn.: Lynchia fumipennis Sahlberg, 1866
Dale, W. E. A., 1969 a, 47-48

Olfersia rufipes Macquart, 1847
as syn. of Pseudolynchia canariensis (Macquart)
Dale, W. E. A., 1969 a, 48

Olfersia spinifera
Fregata [sp.]
Lowery, R. S., 1971 a
Aldabra Atoll

Olfersia testacea Macquart, 1843
as syn. of Pseudolynchia canariensis (Macquart)
Dale, W. E. A., 1969 a, 48

Olfersia vulturis Wulp
Syn.: Pseudolfersia vulturis (Wulp, 1903) Murphy (1925)
Dale, W. E. A., 1969 a, 48

Ologamasus sp.
Microtus agrestis
Mahnert, V., 1971 a
the Tirol, Austria

Ololaelaps sp.
Rattus turkestanicus
Meriones erythrourus
Davydov, G.S.; and Morozova, I.V., 1970 a
all from Tadzhikistan

Ololaelaps placentula (Berlese, 1887)
Rattus turkestanicus
Davydov, G.S.; and Morozova, I.V., 1970 a
Tadzhikistan

Omentolaelapidae Fain, 1961 emend nov.
emendation of: Omentolaelaptidae Fain, 1961
Fain, A., 1967 p, 382

Omentolaelaptidae Fain, 1961
name emended to: Omentolaelapidae Fain, 1961
Fain, A., 1967 p, 382

Ommatokoita elongata (Grant 1827)
structure, attachment organ
Kabata, Z.; and Cousens, B., 1972 a, fig.

Oncosceles
Spinturnicidae, key
Pan, Z.-W.; and Teng, K.-F., 1973 a

Onesia subalpina Kurahashi, 19[illegible]
Allolobophora japonica
Takano, S.; and Nakamura, Y., 1968 a, fig. 1
Nagano Prefecture, Japan

Ophidilaelaps radfordi
description, protonymph and deutonymph, development
Feider, Z.; and Solomon, L., 1959 b, figs.

Ophiolernaea gen. nov.
Lernaeidae
Shiino, S. M., 1958 e, 96
tod: O. longiceps sp. nov.

Ophiolernaea
Lernaeoceridae, key
Kabata, Z., 1972 a

Ophiolernaea longiceps sp. nov. (tod)
Polyipnus spinosus
Shiino, S. M., 1958 e, 96-99, figs. 12-13; pl. V, figs. 4-6
off Owase, Mie Prefecture

Opisocrostis bruneri (Baker)
Spermophilus tridecimlineatus
S. franklini
Tamias striatus
Eutamias minimus
Tamiasciurus hudsonicus
Glaucomys sabrinus
Peromyscus maniculatus
Microtus pennsylvanicus
Benton, A. H.; Larson, O. R.; and Van Huizen, B. A., 1971 a
all from Itasca State Park region, Minnesota

Opisocrostis bruneri
Spermophilus franklinii
Hilton, D. F. J.; and Mahrt, J. L., 1971 b
Alberta

Opisocrostis bruneri (Baker)
distribution
Citellus tridecemlineatus
Kinzel, R. F.; and Larson, O. R., 1973 a
North Dakota

Opisocrostis hirsutus
plague vector, control, carbaryl dusting, prairie dog burrows
+Cynomys ludovicianus
Barnes, A.M.; Ogden, L.J.; and Campos, E.G., 1972 a
Colorad

Opisocrostis hirsutus
systemic insecticides
Cynomys ludovicianus ludovicianus
Clark, P. H.; et al., 1971 a

Opisocrostis labis
Dipodomys ordii
Eutamias minimus
Onychomys leucogaster
Peromyscus maniculatus
Spermophilus townsendii
Allred, D. M., 1968 a
all from National Reactor Testing Station, Idaho

Opisocrostis labis
Spermophilus richardsonii
Hilton, D. F. J.; and Mahrt, J. L., 1971 b
Alberta

Opisocrostis labis (Jordan and Rothschild)
distribution
Citellus tridecemlineatus
Kinzel, R. F.; and Larson, O. R., 1973 a
North Dakota

Opisocrostis tuberculatus
Spermophilus townsendii
Allred, D. M., 1968 a
National Reactor Testing Station, Idaho

Opisocrostis tuberculatus (Baker)
+Cynomys ludovicianus (burrows)
Barnes, A. M.; Ogden, L. J.; and Campos, E.G., 1972 a
Colorado

Opisocrostis tuberculatus tuberculatus
Spermophilus (=Citellus) columbianus
S. richardsonii
Hilton, D. F. J.; and Mahrt, J. L., 1971 b
all from Alberta

Opisodasys keeni
Peromyscus maniculatus
Allred, D. M., 1968 a
National Reactor Testing Station, Idaho

Opisodasys pseudarctomys (Baker)
Glaucomys sabrinus
Tamiasciurus hudsonicus
Benton, A. H.; Larson, O. R.; and Van Huizen, B. A., 1971 a
all from Itasca State Park region, Minnesota

Opisodasys pseudarctomys (Baker)
Glaucomys volans
G. sabrinus
Pitymys pinetorum
Mustela frenata
+Microtus pennsylvanicus (nest)
Holland, G.P.; and Benton, A. H., 1968 a
all from Pennsylvania

Opisodasys pseudarctomys (Baker)
Layne, J. N., 1971 a
Florida

Opisodasys pseudarctomys (Baker)
Glaucomys volans saturatus
Schiefer, B. A.; and Lancaster, J. L. (jr.), 1970 a
Arkansas

Opisthocomacarus Dubinin
Syn.: Pterolichus (En[illegible] of Lichae,
Atyeo, W. T.; and Gaud, J., 1971 b, 157

Opisthocomacarus umbellifer (Trouessart)
Opisthocomus hoazin
Atyeo, W. T.; and Gaud, J., 1971 b, 158, figs. 1-2, 5-6
Venezuela

Opistholernaea laterobrachialis (Fryer)
Tilapia macrochir
Fryer, G., 1965 c, figs.
Lake Mweru

Opistholernaea longa (Harding)
Lates angustifrons
L. microlepis
Fryer, G., 1965 c
all from Lake Tanganyika, Albertville

Orbitacolax analogus nov. spec.
Sparisoma rubripinne (orbit)
Acanthurus hepatus (=A. chirurgus) (orbit)
Sparisoma chrysopterum (orbit)
S. distinctum "
Acanthurus bahianus "
Vervoort, W., 1969 a, 1, 89-101, figs. 40-46
all from Piscadera Bay, Curaçao

Orbitacolax oniscoides nov. spec.
Clepticus parrae (orbit)
Monacanthus pullus "
Abudefduf saxatilis "
Sparisoma aurofrenatum (orbit)
S. distinctum (orbit)
S. chrysopterum "
Vervoort, W., 1969 a, 1, 101-113, figs. 47-53
all from Piscadera Bay, Curaçao

Orchopeas sp.
Perognathus parvus
Allred, D. M., 1968 a
National Reactor Testing Station, Idaho

Orchopeas caedens caedens
Tamiasciurus hudsonicus
Mahrt, J.L.; and Chai, S.J., 1972 a
Alberta, Canada

Orchopeas caedens durus (Jordan)
Tamiasciurus hudsonicus
Tamias striatus
— Benton, A. H.; Larson, O. R.; and Van Huizen, B. A., 1971 a
all from Itasca State Park region, Minnesota

Orchopeas caedens durus (Jordan)
Tamiasciurus hudsonicus
— Quackenbush, R. E., 1971 a
Grout Pond, Windham County, Vermont

Orchopeas howardii (Baker)
Sciurus carolinensis
Sciurus niger
Tamiasciurus hudsonicus
Tamias striatus
Glaucomys sabrinus
Mustela frenata
Felis domesticus
Mephitis mephitis
Urocyon cinereoargenteus
Peromyscus sp.
Neotoma magister
Sylvilagus floridanus
— Holland, G.P.; and Benton, A. H., 1968 a
all from Pennsylvania

Orchopeas howardi Baker
Sciurus carolinensis
— Layne, J. N., 1971 a
Alachua, Highlands, Indian River, St. Johns, Levy, Sumter and Duval Counties, Florida

S. niger
— Alachua, Highlands and Sumter Counties, Florida

Glaucomys volans
— Alachua, Clay and Highlands Counties, Florida

Didelphis marsupialis
— Indian River County, Florida

Neotoma floridana
— Indian River County, Florida

Rattus rattus
— Levy County, Florida

Orchopeas howardii
cold tolerance
— Miller, D. H.; and Benton, A. H., 1970 a

Orchopeas howardii
Sciurus carolinensis
— Parker, J. C.; and Holliman, R. B., 1971 a
North Carolina

Orchopeas howardii
Sciurus carolinensis
— Parker, J. C.; and Holliman, R. B., 1972 a
Virginia

Orchopeas howardii (Baker)
Sciurus niger rufiventer
Sciurus carolinensis carolinensis
Didelphis marsupialis virginiana
Neotoma floridana
Glaucomys volans saturatus
— Schiefer, B. A.; and Lancaster, J. L. (jr.), 1970 a
all from Arkansas

Orchopeas howardi
Blarina brevicauda
— Whitaker, J. O. (jr.); and Mumford, R. E., 1972 a
Indiana

Orchopeas howardi howardi (Baker)
Sciurus carolinensis
— Roberts, C. J.[2], 1972 a
Cheshire, Gloucestershire, Great Britain

Orchopeas leucopus
Eutamias minimus
— Allred, D. M., 1968 a
National Reactor Testing Station, Idaho

Orchopeas leucopus (Baker)
Peromyscus maniculatus
Clethrionomys gapperi
Zapus hudsonius
— Benton, A. H.; Larson, O. R.; and Van Huizen, B. A., 1971 a
all from Itasca State Park region, Minnesota

Orchopeas leucopus (Baker)
Peromyscus sp.
Tamiasciurus hudsonicus hudsonicus
— Buckner, C. H.; and Blasko, G. G., 1969 a
all from Manitoba

Orchopeas leucopus
Peromyscus maniculatus
P. truei
— Douglas, C. L., 1969 a, 493
all from Mesa Verde National Park, Colorado

Orchopeus leucopus (Baker)
ecology, infestation rates compared, deer and harvest mice
— Elzinga, R. J.; and Rees, D. M., 1964 b

Orchopeas leucopus (Baker)
Peromyscus leucopus
P. maniculatus
Blarina brevicauda
Sorex cinereus
Mustela frenata
Mephitis mephitis
Tamiasciurus hudsonicus
Mus musculus
Rattus norvegicus
Zapus hudsonius
Pitymys pinetorum
+Microtus pennsylvanicus (nest)
Sylvilagus floridanus
— Holland, G.P.; and Benton, A. H., 1968 a
all from Pennsylvania

Orchopeas leucopus (Baker)
Peromyscus gossypinus
— Layne, J. N., 1971 a
Levy and Nassau Counties, Florida

Orchopeas leucopus
cold tolerance
— Miller, D. H.; and Benton, A. H., 1970 a

Orchopeas leucopus (Baker)
Peromyscus leucopus
— Quackenbush, R. E., 1971 a
Grout Pond, Windham County, Vermont

Orchopeas leucopus (Baker)
Aegolius acadicus
— Woods, J. G., 1971 a
Toronto and Dundas, Ontario

Orchopeas leucopus (Baker)
Peromyscus maniculatus
— Wyman, R. L.; and Schaefer, K., 1972 a
Texas Co., Oklahoma

Orchopeas sexdentatus
Eutamias minimus
Lynx rufus
Neotoma cinerea
Peromyscus maniculatus
— Allred, D. M., 1968 a
all from National Reactor Testing Station, Idaho

Orchopeas sexdentatus
systemic insecticides
Neotoma micropus canescens
— Clark, P. H.; et al., 1971 a

Orchopeas sexdentatus
cold tolerance
— Miller, D. H.; and Benton, A. H., 1970 a

Orchopeas sexdentatus subsp.
Neotoma floridana
Peromyscus leucopus
— Schiefer, B. A.; and Lancaster, J. L. (jr.), 1970 a
all from Arkansas

Orchopeas sexdentatus pennsylvanicus Jordan
Neotoma magister
Mustela frenata
Blarina brevicauda
— Holland, G.P.; and Benton, A. H., 1968 a
all from Pennsylvania

Orfrontia subg. n.
subgenus of Frontopsylla
— Ioff, I.G., 1949 a, 50

Oribatei [sp.]
Arvicola terrestris
Microtus oeconomus
Clethrionomys
— Igolkin, N. I., 1960 a
all from Ob River shore

Ornitheza Speiser, 1902
as syn. of Ornithophila Rondani, 1879
— Vanschuytbroeck, R., 1968 a, 7

Ornithobia metallica — Baum, H., 1968 a
Turdus m. merula

Ornithobia Meigen, 1830 — Vanschuytbroeck, P., 1968 a, 16
as syn. of Lipoptena Nitzsch, 1818

Ornithobius cygni (Denny) — Haub, F., 1971 a, figs.
head morphology

Ornithoctona Speiser, 1902 — Dale, W. E. A., 1969 a, 43,45
Hippoboscidae, key

Ornithoctona Speiser, 1902 — Vanschuytbroeck, P., 1968 a, 8
Syn.: Ornithopertha Speiser, 1904

Ornithoctona erythrocephala (Leach) — Dale, W. E. A., 1969 a, 45
Syns.: Ornithomyia erythrocephala Leach, 1817; O. nebulosa Say, 1823; O. buteonis Swenk, 1916
Eupelia cruziana — La Molina-Lima

Ornithoctona erythrocephala Leach, 1817 — Vanschuytbroeck, P., 1968 a, 9
synonymy — Guadeloupe; Rochester

Ornithoctona fusciventris (Wiedemann, 1850) — Main, A. J.; and Anderson, K. S., 1970 a, 305
Syn.: O. strigilecula Procter, 1946 — South Dartmouth, Bristol, Massachusetts
Piranga rubra (on feathers)

Ornithoctona laticornis Macquart, 183[illegible] — Vanschuytbroeck, P., 1968 a, 9
synonymy — Congo

Ornithoctona plicata Olfers, 1816 — Vanschuytbroeck, P., 1968 a
Java

Ornithoctona strigilecula Procter, 1946 — Main, A. J.; and Anderson, K. S., 1970 a, 305
as syn. of O. fusciventris (Wiedemann, 1850)

Ornithoctona vicina (Walker, 1849) — Dale, W. E. A., 1969 a, 43
as syn. of Ornithoica vicina (Walker)

Ornithodorus — Dickie, A. G., 1971 a
control developments — Oregon

Ornithodoros — Jones, E. K.; and Clifford, C. M., 1972 a
key to larvae of Argasidae — Western Hemisphere
includes: Ornithodoros regnini (Dugès); O. lagophilus Cooley and Kohls; O. (Ornamentum) coriaceus Koch; O. (Subparmatus) marinkellei Kohls, Clifford, and Jones; O. (S.) mormoops Kohls, Clifford, and Jones; O. (S.) vigeurasi Cooley and Kohls; O. (Pavlovskyella) nicolleti Mooser; O. (P.) rostratus Aragão; O. (P.) hermsi Wheeler, Herms, and Meyer; O. (P.) parkeri Cooley; O. (P.) turicata (Dugès); O. (Alectorobius) azteci Matheson; O. (A.) setosus Kohls, Clifford, and Jones; O. (A.) knoxjonesi n. sp.; O. (A.) peropteryx Kohls, Clifford, and Jones; O. (A.) yumatensis Cooley and Kohls; O. (A.) dyeri Cooley and Kohls; O. (A.) brodyi Matheson; O. (A.) rossi Kohls, Sonenshine, and Clifford; O. (A.) capensis Neumann; O. (A.) stageri Cooley and Kohls; O. (A.) tuttlei n. sp.; O. (A.) eptesicus Kohls, Clifford, and Jones; O. (A.) hasei Kohls, Clifford, and Jones; O. (A.) echinys Kohls, Clifford, and Jones; O. (A.) puertoricensis Fox; O. (A.) denmarki Kohls, Sonenshine, and Clifford; O. (A.) peruvianus Kohls, Clifford, and Jones; O. (A.) kelleyi Cooley and Kohls; O. (A.) parmosae n. sp.; O. (A.) casebeeri n. sp.; O. (A.) chironectes n. sp.; O. (A.) [illegible] (Guérin-Méneville); O. (A.) tiptoni n. sp.; O. (A.) dushanbeki Cerný; O. (A.) basei Schulze); O. (A.) clarki n.sp.; O. (A.) boliviensis Kohls and Clifford; O. (A.) concanensis Cooley and Kohls; O. elongatus Kohls, Sonenshine, and Clifford; O. rudis Karsch; O. sparnus Kohls and Clifford; O. natalinus Cerný and Dusbábek

Ornithodoros (Subparmatus) new species — Kohls, G. M., 1969 c, 130
Mormoops megalophylla — Cueba di Ratón, Hato, Curaçao

Ornithodoros sp. — Kohls, G. M., 1969 c, 130-131
Mormoops megalophylla — Cueba di Ratón, Hato, Curaçao

Ornithodoros spp. — Mead, R. A., 1963 a
Mephitis mephitis — Sacramento Valley, California

Ornithodoros alactagalis — Abdullaev, Kh. I.; and Baĭramova, R. A., 1970 a
potential source of human spirochetosis — area of Mil-Mugan dam, Azerbaĭdzhan SSR

Ornithodorus alactagalis — Abdullaev, Kh. I.; and Baĭramova, R. A., 1971 a
Druzhba hydroelectric project, Aras river

Ornithodoros alactagalis — Balashov, Iu. S., 1972 a
experimental interspecific crosses, O. nereensis, O. tartakovskyi

Ornithodoros alactagalis — Gugushvili, G. K., 1973 a
biocoenotic composition — Eastern Georgian SSR

Ornithodoros (Alectorobius) azteci Matheson, 1935 — Kohls, G. M., 1969 c, 128
Noctilio leporinus — Codrington Village, Barbuda

Ornithodoros capensis — Eddie, B.; Foster, W. A.; Radovsky, F. J.; and Stiller, D., 1970 a
+Phalacrocorax carbo (nest) — all from Ethiopia
+Sphenorynchus abdimii "

Ornithodoros (Alectorobius) capensis Neumann — Kohls, G. M., 1969 c, 129
Syn.: Ornithodoros talaje var. capensis Neumann, 1901
Pelecanus occidentalis (pouch) — Pelican Cay, St. Martin
Anous stolidus — Pelican Cay, St. Martin; Aves (west of Dominica)
Sterna fuscata — Aves (west of Dominica)

Ornithodoros (Alectorobius) casebeeri n. sp. — Jones, E.K.; and Clifford, C.M., 1972 a, 730, 732, 733-734, figs. 1-2
key
Ototylomys sp. — Guanacaste Prov., Costa Rica; Punterenas Prov.
Peromyscus stirtoni — Boaco, Nicaragua

Ornithodoros (Alectorobius) chironectes n. sp. — Jones, E.K.; and Clifford, C.M., 1972 a, 730, 732, 733-734, figs. 3-4
key
Chironectes minimus — Los Cocos, Boaco, Nicaragua
Sigmodon hispidus griseus — Isla de Ometepe, Rivas, "

Ornithodoros (Reticulinasus) chiropterphila sp. nov. — Dhanda, V.; and Rajagopalan, P. K., 1971 a, 135-143, figs. 1-17
Rhinolophus rouxi — Mysore State, India

Ornithodoros (Alectorobius) clarki n. sp. — Jones, E.K.; and Clifford, C.M., 1972 a, 730, 732, 734-735, figs. 5-6
key
Pteronotus davyi fulvus — Cara de Mono, Zelaya, Nicaragua, all from
P. suapurensis

Ornithodoros concanensis Cooley and Kohls — Cook, B., 1972 a
northwestern Texas
host specificity, bats, swallows, blood meal sources

Ornithodoros concanensis — Cook, B., 1973 a
repeated desiccation and rehydration, lipid and hemoglobin concentrations

Ornithodorus coniceps — Akhumdova, E. D.; and Terskikh, I. I., 1972 a
transmission of ornithosis to chickens

Ornithodoros coniceps — Mel'chakova, E. D.; and Chernova, N. A., 1970 a
[Pigeon] (exper.)
[Streptopelia turtur] (exper.)
[Streptopelia senegalensis] (exper.)

Ornithodoros coriaceus — Failing, R. M.; Lyon, C. B.; and McKittrick, J. E., 1972 a, figs.
history, case report, human

Ornithodoros (Alectorobius) denmarki Kohls, Sonenshine & Clifford, 1965 — Kohls, G. M., 1969 c, 129
Anous stolidus
Sterna fuscata
all from Aves (west of Dominica)

Ornithodoros (Alectorobius) dusbabeki Černý, 1967 — Dusbábek, F., 1970 a
Molossus ater
Vera Cruz, Mexico

Ornithodoros echimys n. sp. — Kohls, G.M.; Clifford, C.M.; and Jones, E.K., 1969 a, 1035, 1042-1043, figs. 25-28
Echimys semivillosus
Urama, Yaracuy and Carabobo, Venezuela; Puerto Paez, Rio Cinaruco, Apure, Venezuela

Ornithodoros eptesicus n. sp. — Kohls, G.M.; Clifford, C.M.; and Jones, E. K., 1969 a, 1035, 1037-1038, figs. 4-7
Eptesicus furinalis
Caracas, Venezuela

Ornithodoros erraticus — Felsenfeld, O., 1971 a
vectors, human and animal borreliosis

Ornithodoros erraticus (Lucas) — Schlein, Y.; and Gunders, A. E., 1971 a, fig.
sand-rat burrows
Jordan Valley

Ornithodoros (Alectorobius) hasei (Schulze, 1935) — Kohls, G. M., 1969 c, 129-130
Noctilio leporinus
Codrington Village, Barbuda

Ornithodoros hermsi — Gregson, J.D., 1960 b, fig.
disease transmission, man, review
British Columbia

Ornithodoros (Ornithodoros) indica sp. n. — Rau, U. R.; and Rao, K. N. A., 1971 a, 432-434, figs. 1-5
Muntiacus muntjac vaginalis
Himalayan foothills, India

Ornithodoros kelleyi Cooley and Kohls, 1941 — Sonenshine, D. E., 1970 c, figs. 1-16
anatomy and histology internal organs and body systems

Ornithodoros (Alectorobius) knoxjonesi n. sp. — Jones, E.K.; and Clifford, C.M., 1972 a, 730, 731, 735-736, figs. 7-8
key
Balantiopteryx plicata plicata
Hato Grande, Chontales, Nicaragua

Ornithodorus lahorensis — Postoian, S. R.; and Agabalov, G. P., 1971 a
tuberculosis mycobacteria, transmission

Ornithodorus lahorensis — Tevosov, A. M.; and Annagiev, A. A., 1956 a, 33

Ornithodoros lahorensis — Volkova, A. A.; Grebeniuk, R. V.; and Zhirykunov, A. I., 1971 a
vector, Salmonella abortus ovis

Ornithodoros (Subparmatus) marinkellei n. sp. — Kohls, G.M.; Clifford, C. M.; and Jones, E. K., 1969 a, 1035, 1040-1041, figs. 19-22
Pteronotus personata
Cartagena, Bolivar, Colombia
P. suapurensis
Cueva de los Murcielagos, near Penonomé, Coclé, Panama
P. parnellii
Cueva de los Murcielagos, near Penonomé, Coclé, Panama; Cartagena, Bolivar, Colombia

Ornithodoros (Alectorobius) marmosae n. sp. — Jones, E.K.; and Clifford, C.M., 1972 a, 730, 732, 736-737, figs. 9-10
key
Marmosa robinsoni
Falcon and Maracaibo, Venezuela
Rhipidomys
Falcon, Venezuela
Marmosa
Colombia

Ornithodoros mimon n. sp. — Kohls, G.M.; Clifford, C.M.; and Jones, E. K., 1969 a, 1035, 1039-1040, figs. 15-18
Mimon crenulatum
mouth of Baures River, Beni, Bolivia
Eptesicus brasiliensis
Melo, Dept. Cerro Largo, Uruguay; Paysandu, Arroyo Negro, Dept. Rio Negro, Uruguay; Tacuarembo, Dept. Tacuarembo, Uruguay

Ornithodoros (Subparmatus) mormoops n. sp. — Kohls, G. M.; Clifford, C.M.; and Jones, E. K., 1969 a, 1035, 1041-1042, figs. 23-24
Mormoops megalophylla intermedia
Cueba di Raton, Hato, Curaçao

Ornithodorus moubata Murray — Aeschlimann, A.F.J.; and Ryhiner, R. M., 1970 a, figs.
morphology, digestive system

Ornithodorus moubata — Breucker, H.; and Horstmann, E., 1968 a, figs. 1-17
morphology, spermatozoa

Ornithodorus moubata — Breucker, H.; and Horstmann, E., 1972 a, figs.
spermatogenesis

Ornithodoros moubata — Felsenfeld, O., 1971 a
vectors, human and animal borreliosis

Ornithodorus moubata — Geigy, R.; and Sarasin, G., 1961 a
vector of Borrelia duttoni

Ornithodoros moubata — Kitaoka, S., 1971 a
chloride balance in feeding

Ornithodorus moubata — Krynski, S.; and Machel, M., 1972 a
vector, Yersinia pseudotuberculosis

Ornithodoros moubata (Murray) — Machel, M., 1972 a
laboratory feeding technique, oral introduction of bacteria into alimentary tract, sucking chamber

Ornithodoros moubata — Shustrov, A. K.; and Teravakil, I. K., 1969 a
possible vector and reservoir, Toxoplasma gondii

Ornithodorus moubata — Teesdale, C., 1965 a
vector, relapsing fever, Kenya
reduced incidence with improved living standards, gammexane treatment of tick-infested huts

Ornithodoros moubata porcinus
localization, African swine fever virus
Greig, A., 1972 a

Ornithodoros nereensis
experimental interspecific crosses, O. alactagalis, O. tartakovskyi
Balashov, Iu. S., 1972 a

Ornithodoros papillipes
field collection, CO_2
Balashov, Iu. S., 1972 b

Ornithodoros papillipes
homogenates, electrophoresis, taxonomy
Krasnobaeva, Z. N.; Stepanchenok-Rudnik, G. I.; and Grokhovskaîa, I. M., 1971 a

Ornithodoros papillipes
possible vector and reservoir, Toxoplasma gondii
Shustrov, A. K.; and Teravskiĭ, I. K., 1969 a

Ornithodoros peruvianus n. sp.
Desmodus rotundus
Glossophaga sp.
Molossus obscurus
Kohls, G.M.; Clifford, C.M.; and Jones, E. K., 1969 a, 1035, 1038-1039, figs. 8-11
Chosica, Lima, Peru
Quebrada Gramadelito, Amotape Mts., Paita Prov., Piura, Peru
Rio Ucayali, near Pucallpa, Yarinacocha, Loreto, Peru

Ornithodoros porcinus domesticus
homogenates, electrophoresis, taxonomy
Krasnobaeva, Z. N.; Stepanchenok-Rudnik, G. I.; and Grokhovskaîa, I. M., 1971 a

Ornithodoros pteropteryx n. sp.
Pteropteryx macrotis
Kohls, G.M.; Clifford, C. M.; and Jones, E. K., 1969 a, 1035, 1039, figs. 12-14
Puerto Carreño Alarcón, Vichada, Colombia

Ornithodoros (Alectorobius) puertoricensis Fox, 1947
Sylvilagus floridanus (= S. nigronuchalis)
Kohls, G. M., 1969 c, 130
Noord and Balashi, Aruba

Ornithodoros rudis
vectors, human and animal borreliosis
Felsenfeld, O., 1971 a

Ornithodoros (O.) savignyi (Audouin)
cuticular permeability: male and female, unfed and engorged, temperature, desiccation, chloroform, inert dusts, molting
Hafez, M.; El-Ziady, S.; and Hefnawy, T., 1970 a

Ornithodoros (Ornithodoros) savignyi
water vapor uptake, humidity, different developmental stages
Hafez, M.; El-Ziady, S.; and Hefnawy, T., 1970 b

Ornithodoros (O.) savignyi Audouin
biochemistry, excretory products
Hamdy, B. H., 1972 a

Ornithodoros (Ornithodoros) savignyi
water loss from spiracles, carbon dioxide and humidity
Hefnawy, T., 1970 a

Ornithodoros savignyi
Rind
Dromedar
Hoffmann, G.; and Lindau, M., 1971 a
all from Niger

Ornithodoros setosus n. sp.
Tadarida laticaudata
Pteronotus parnellii
P. psilotis
Tadarida europs
Kohls, G.M.; Clifford, C.M.; and Jones, E.K., 1969 a, 1035, 1036-1037, figs. 1-3
Piedras Negras, Terr. Rondonia, Brazil
Zapaluta, Chiapas, Mexico
Badiraguato, Sinaloa, Mexico
Puerto Paez, Rio Cinaruco, Apure, Venezuela

Ornithodoros talaje (Guerin-Meneville)
Liomys irroratus texensis
Eads, R. B.; Treviño, H. A.; and Campos, E. G., 1965 a
Cameron County, Texas

Ornithodoros talaje
vectors, human and animal borreliosis
Felsenfeld, O., 1971 a

Ornithodoros talaje
Spermophilus tereticaudus neglectus (throat, chest)
Lang, J. D., 1972 a
near Tucson, Arizona

Ornithodoros talaje var. capensis Neumann, 1901
as syn. of Ornithodoros (Alectorobius) capensis Neumann
Kohls, G. M., 1969 c, 129

Ornithodoros tartakovskyi
experimental interspecific crosses, O. alactagalis, O. nereensis
Balashov, Iu. S., 1972 a

Ornithodoros tartakovskyi
geographic variability, mosaic type
Balashov, Iu. S., 1972 c
Middle Asia and South Kazakhstan

Ornithodoros tartakovskyi
[Rhombomys opimus]
[Meriones erythrourus]
[Citellus fulvus]
[Jerboa]
[Cricetulus migratorius]
[Mustela eversmanni]
[Testudo horsfieldi]
[Streptopelia turtur]
Mel'chakova, E. D.; and Chernova, N. A., 1970 a
Mangyshlak Peninsula, all from

Ornithodoros tartakovskyi
feeding on Dipetalonema viteae-infected jirds, quantification of intake of microfilariae
Pacheco, C.; Atkins, M. J.; and Gurian, J., 1972 a

Ornithodoros tholozani
chemosterilization, review
Berndt, K.-P., 1970 a

Ornithodoros tholozani
vectors, human and animal borreliosis
Felsenfeld, O., 1971 a

Ornithodoros tholozani
olfactory response, host preference; environmental factors, behavior
Lidror, R.; and Shulov, A., 1972 a

Ornithodoros (Alectorobius) tiptoni n. sp.
key
Noctilio leporinus
Jones, E.K.; and Clifford, C.M., 1972 a, 730, 732, 738, figs. 11-12
Tunantal, Venezuela

Ornithodoros turicata
vectors, human and animal borreliosis
Felsenfeld, O., 1971 a

Ornithodoros turicata (Duges)
form, function and interrelationships of fat body, associated tissues
Obenchain, F. D.; and Oliver, J. H. (jr.), 1973 a

Ornithodoros (Alectorobius) tuttlei n. sp.
key
Agouti paca
Tapirus terrestris
Jones, E.K.; and Clifford, C.M., 1972 a, 730, 732, 738-739, figs. 13-14
all from Puerto Ayacucho, Venezuela

Ornithodoros verrucosus
potential source of human spirochetosis
Abdullaev, Kh. I.; and Baĭramova, R. A., 1970 a
area of Mil-Mugan dam, Azerbaĭdzhan SSR

Ornithodorus verrucosus
Abdullaev, Kh. I.; and Baĭramova, R. A., 1971 a
Druzhba hydroelectric project, Aras river

Ornithodoros verrucosus
biocoenotic composition
Gugushvili, G. K., 1973 a
Eastern Georgian SSR

Ornithogastia Vercammen-Grandjean, 1960
subgen. of Guntherana
Vercammen-Grandjean, P. H.; Rohde, C. J. (jr.); and Meshghali, H., 1970 a, 773

Ornithoica Rondani, 1878
Hippoboscidae, key
Dale, W. E. A., 1969 a, 42-43

Ornithoica confluenta (Say)
Bubulcus ibis (head, neck and breast feathers)
Dismukes, J. F.; Stuart, J. J.; and Dixon, C. F., 1972 a
Montgomery County, Alabama

Ornithoica peroneura Speiser, 1902
as syn. of Ornithoica vicina Walker)
Dale, W. F. A., 1969 a, 44

Ornithoica turdi Latreille, 1812
Vanschuytbroeck, P., 1968 a
Congo

Ornithoica vicina Walker
Megaceryle alcyon alcyon
Boyd, F. C.; and Fry, A. E., 1971 a
Massachusetts

Ornithoica vicina Walker)
Syns.: Ornithomyia vicina Walker, 1849; Ornithoica peroneura Speiser, 1902 (confluenta var.)
Dale, W. F. A., 1969 a, 43-44
Volatinia jacarina
peruviensis (plumas de los flancos)
Mimus l. longicaudatus
Pisco Alto Hda. Pernales)
Mala Hda. Laguna)

Ornithoica vicina (Walker, 1849)
Otus asio
Zenaidura macroura
Colaptes auratus
Cyanocitta cristata
Parus atricapillus
P. hudsonicus
Sitta canadensis
Troglodytes aedon
Dumetella carolinensis
Turdus migratorius
Hylocichla mustelina
Hylocichla guttata
Regulus satrapa
Sturnus vulgaris
Seiurus aurocapillus
Geothlypis trichas
Passer domesticus
Quiscalus quiscula
Molothrus ater
Pipilo erythrophthalmus
Junco hyemalis
Zonotrichia albicollis
Melospiza georgiana
M. melodia
Main, A. J.; and Anderson, K. S., 1970 a
all from southeastern Massachusetts

Ornithoica vicina (Walker)
Aegolius acadicus
Woods, D. G., 1971 a
Ontario, Canada

Ornitholaelaps nidi Okereke, 1968
+unidentified bird (nest)
Okereke, T.A., 1970 a
Nigeria

Ornithomyia Latreille, 1802
Hippoboscidae, key
Dale, W. E. A., 1969 a, 43,44

Ornithomyia Latreille, 1802
Syn.: Pseudornithomyia Lutz, 1915 (Maa, 1963)
Vanschuytbroeck, P., 1968 a, 5

Ornithomyia spp.
Colaptes auratus
Cyanocitta cristata
Dumetella carolinensis
Toxostoma rufum
Turdus migratorius
Hylocichla guttata
H. minima
Sturnus vulgaris
Hylocichla ustulata
Seiurus aurocapillus
Passer domesticus
Icterus galbula
Pipilo erythrophthalmus
Zonotrichia albicollis
Melospiza georgiana
M. melodia
Main, A. J.; and Anderson, K. S., 1970 a
all from southeastern Massachusetts

Ornithomyia anchineuria Speiser, 1905
Syns.: O. fringillina Thompson, 1936, Procter, 1946, Bequaert, 1954, Sheldon, Shaw and Bartlett, 1956 not O. fringillina Curtis, 1836); O. avicularia Peters, 1933
Colaptes auratus
C. auratus x C. cafer
Dendrocopos pubescens
Tyrannus tyrannus
Cyanocitta cristata
Parus atricapillus
Sitta carolinensis
Troglodytes aedon
Dumetella carolinensis
Toxostoma rufum
Turdus migratorius
Hylocichla mustelina
H. guttata
H. ustulata
H. fuscescens
Bombycilla cedrorum
Vireo griseus
Geothlypis trichas
Setophaga ruticilla
Passer domesticus
Agelaius phoeniceus
Icterus galbula
Quiscalus quiscula
Piranga olivacea
Pipilo erythrophthalmus
Passerculus sandwichensis
Spizella pusilla
Zonotrichia albicollis
Melospiza georgiana
M. melodia
Spizella passerina
Spinus pinus
Main, A. J.; and Anderson, K. S., 1970 a, 301
all from southeastern Massachusetts

Ornithomyia avicularia
Turdus m. merula
Baum, H., 1968 a

Ornithomyia avicularia Peters, 1933
as syn. of O. anchineuria Speiser, 1905
Main, A. J.; and Anderson, K. S., 1970 a, 301

Ornithomyia avicularia
bécasse
Richard, A., 1926 b, fig.
Suisse romande

Ornithomyia avicularia
Accipiter gentilis
Saxicola rubetra
Sorjonen, J., 1971 a
all from Finland

Ornithomyia avicularia Linné, 1758
synonymy
Vanschuytbroeck, P., 1968 a, 5

Ornithomya bequaerti Maa, 1969
Junco hyemalis
Parus atricapillus
Main, A. J.; and Anderson, K. S., 1970 a
all from southeastern Massachusetts

Ornithomyia biloba Dufour 1827
Syn.: Ornithomyia tasmanensis Macquart, 1851 [in part?]
Vanschuythroeck, P., 1968 a, 6
Belgique

Ornithomyia butecnis Swenk, 1916
as syn. of Ornithoctona erythrocephala (Leach)
Dale, W. E. A., 1969 a, 45

Ornithomya chloropus
Buteo buteo
Accipiter nisus
A. gentilis
Charadrius hiaticula
Pluvialis apricaria
Capella gallinago
Tringa totanus
Calidris alpina
Philomachus pugnax
Rubo rubo
Parus major
Turdus pilaris
T. iliacus
Oenanthe oenanthe
Saxicola rubetra
Luscinia luscinia
Erithacus rubecula
Acrocephalus dumetorum
A. schoenobaenus
Sylvia borin
S. communis
S. curruca
Phylloscopus trochilus
P. sibilatrix
Muscicapa striata
M. hypoleuca
Prunella modularis
Anthus trivialis
Motacilla alba
Lanius collurio
Sturnus vulgaris
Carduelis spinus
C. flammea
Carpodacus erythrinus
Fringilla coelebs
F. montifringilla
Emberiza citrinella
E. schoeniclus
Passer domesticus
Sorjonen, J., 1971 a
all from Finland

Ornithomyia chloropus Bergroth, 1901
Vanschuythroeck, P., 1968 a, 7
région liégeoise

Ornithomyia comosa Austen
Riparia riparia
Hirundo rustica
Dosshanov, T. N., 1970 a, fig.
all from South Kazakhstan

Ornithomyia erythrocephala Leach, 1817
as syn. of Ornithoctona erythrocephala (Leach)
Dale, W. E. A., 1969 a, 45

Ornithomya fringillina
Turdus n. merula
Baum, H., 1968 a

Ornithomyia fringillina
+hirundella rustique (nids)
Bersot, E., 1934 a

Ornithomya fringillina Thompson, 1936; Procter, 1946; Bequaert, 1954; Shaldon, Shaw and Bartlett, 1956 (not O. fringillina Curtis, 1836)
as syn. of O. anchineuria Speiser, 1905
Main, A. J.; and Anderson, K. S., 1970 a, 301

Ornithomya fringillina
Glaucidium passerinum
Parus major
P. montanus
Saxicola rubetra
Phoenicurus phoenicurus
Erithacus rubecula
Sylvia borin
S. curruca
Phylloscopus trochilus
Regulus regulus
Muscicapa striata
M. hypoleuca
Fringilla coelebs
Sorjonen, J., 1971 a
all from Finland

Ornithomyia fringillina Curtis
Syn.: O. tenella Schiner, 1864 [in part?]
Vanschuythroeck, P., 1968 a, 6
Luxembourg, Liège, Hainaut, Namur

Ornithomyia fringillina Curtis
Aegolius acadicus
Woods, J. G., 1971 a
Ontario, Canada

Ornithomyia fur Schiner, 1868
synonymy
Vanschuythroeck, P., 1968 a, 6
Congo; Madagascar; Prétoria

Ornithomyia nebulosa Say, 1823
as syn. of Ornithoctona erythrocephala (Leach)
Dale, W. E. A., 1969 a, 45

Ornithomyia stenoptera Olfers, 1816
as syn. of Crataerina hirundinis Linné, 1758
Vanschuythroeck, P., 1968 a, 4

Ornithomyia tasmanensis Macquart, 1851 [in part?]
as syn. of O. biloba Dufour, 1827
Vanschuythroeck, P., 1968 a, 6

Ornithomyia tenella Schiner, 1864 [in part?]
as syn. of O. fringillina Curtis, 1836
Vanschuythroeck, P., 1968 a, 6

Ornithomyia vicina Walker, 1849
as syn. of Ornithoica vicina (Walker)
Dale, W. E. A., 1969 a, 43

Ornithomyiinae
Hippoboscidae, key
Habib, A.; El-Kady, E. A.; and Risk, G. N., 1970 a, 578

Ornithonyssus sp.
Hesperiphona vespertina
Khan, R. A.; and Desser, S. S., 1971 a
Algonquin Park, Ontario

Ornithonyssus bacoti
Dipodomys ordii
Allred, D. M., 1970 d
near Idaho Falls, Idaho

Ornithonyssus bacoti
Mus musculus
Clark, D. E., 1971 a
Terre Haute, Indiana

Ornithonyssus bacoti (Hirst)
Licmys irroratus texensis
Eads, R. B.; Treviño, H. A.; and Campos, E. G., 1965 a
Cameron County, Texas

Ornithonyssus bacoti
control, wooden farm house
Dichler, W.; Černý, V.; and Schiebel, K., 1969 a, figs.
Dresden

Ornithonyssus bacoti
key
Mus musculus
Rattus rattus
Garrett, D. A.; and Allred, D. M., 1971 a, 296, 297
Izmir, Turkey
" "

Ornithonyssus bacoti Hirst
as a vector of tularemia, mode of transmission, white mice (exper.)
Petrov, V. G., 1971 a

Ornithonyssus bursa
Sumithion, poultry
Hegde, K. S.; Rahman, S. A.; Rajasekariah, G. R.; and Gowda, R. M. S., 1972 a

Ornithonyssus bursa (Berlese)
+Mimus polyglottos (nests)
Phillis, W. A.; and Cromroy, H. L., 1972 a
Gainesville, Florida

Ornithonyssus praedo sp. n.
Melomys cervinipes
Domrow, R., 1971 a, 109-111, figs. 1-4
Mt. Glorious, Queensland

Ornithonyssus spinosa n. sp.
Chalinolobus tuberculatus
Manson, D. C. M., 1972 a, 465-472, figs. 1-10
"Grand Canyon cave" near Puketiti (Mahoenui district, west of Piopio), New Zealand

Ornithonyssus sylviarum
Amphispiza belli
Oreoscoptes montanus
Poocetes gramineus
Zonotrichia leucophrys
Allred, D. M., 1970 d
all from near Idaho Falls, Idaho

Ornithonyssus sylviarum (Canestrini and Fanzago)
Megaceryle alcyon alcyon (feather base)
Boyd, E. M.; and Fry, A. E., 1971 a
Massachusetts; Ontario

Ornithonyssus sylviarum (Canestrini and Fanzago)
Turdus merula (nasal passages)
Domrow, R., 1972 a
New Zealand

Ornithonyssus sylviarum (Canestrini & Fanzago)
Liomys irroratus texensis
Eads, R. B.; Treviño, H. A.; and Campos, E. G., 1965 a
Cameron County, Texas

Ornithonyssus sylviarum
Rabond, aerosol, chickens
Knapp, M., 1971 a

Ornithonyssus sylviarum (Canestrini and Fanzago)
+Mimus polyglottos (nests)
Phillis, W. A.; and Cromroy, H. L., 1972 a
Gainesville, Florida

Ornithonyssus sylviarum
Sturnus vulgaris
Vincent, A. L., 1972 a
San Diego County, California

Ornithopeplechthos Eichler resurrected and redefined
key
morphology, evolutionary trends
Lakshminarayana, K. V., 1970 a, 137, 138

Ornithopeplechthos opisthocomi (Cummings)
morphology
Lakshminarayana, K. V., 1970 a, figs.

Ornithopertha Speiser, 1904 as syn. of Ornithoctona Speiser, 1902
Vanschuytbroeck, P., 1968 a, 8

Ornithophila Rondani, 1879
Syn.: Ornitheza Speiser, 1902
Vanschuytbroeck, P., 1968 a, 7

Ornithophila metallica Schiner, 1864
synonymy
Vanschuytbroeck, P., 1968 a, 8

Ornithoponus Aldrich, 1923 as syn. of Lynchia Weyenberg, 1881
Vanschuytbroeck, P., 1968 a, 10

Ornithoponus massonnati Falcoz, 1926
as syn. of Lynchia albipennis Say, 1823
Vanschuytbroeck, P., 1968 a, 11

Ornithopsylla laetitiae Rothschild
Macdonald, M. A., 1973 a
Canna, Inner Hebrides

Oropsylla arctomys (Baker)
Marmota monax
Didelphis marsupialis
Vulpes fulva
Holland, G.P.; and Benton, A. H., 1968 a
all from Pennsylvania

Oropsylla arctomys
Marmota monax
Whitaker, J. O. (jr.); and Schmeltz, L. L., 1973 b
Indiana

Oropsylla idahoensis
Spermophilus (=Citellus) columbianus
S. richardsonii
Hilton, D. F. J.; and Mahrt, J. L., 1971 b
all from Alberta

Oropsylla rupestris
rearing technique, nest boxes, ground squirrels
Hilton, D.F.J., 1972 c

Oropsylla rupestris
Spermophilus richardsonii
Hilton, D. F. J.; and Mahrt, J. L., 1971 b
Alberta

Oropsylla rupestris (Jordan)
distribution
Citellus tridecemlineatus
Kinzel, R. F.; and Larson, O. R., 1973 a
North Dakota

Orthohalarachne attenuata (Banks, 1916) Newell, 1947
Zalophus californianus
Eumetopias jubatus
(naso-pharynx of all)
Dailey, M. D.; and Hill, B.L., 1971 a
all from southern and central California coast

Orthohalarachne diminuata
Zalophus californianus
Dailey, M. D., 1970 a
southern California

Orthohalarachne diminuata Doetschman (1941)
Zalophus californianus
Eumetopias jubatus
(trachea, bronchi of all)
Dailey, M. D.; and Hill, B.L., 1971 a
all from southern and central California coast

Orycteroxenus soricis
Blarina brevicauda
Cryptotis parva
Sorex cinereus
Sorex longirostris
Whitaker, J. O. (jr.); and Mumford, R. E., 1972 a
all from Indiana

Orycteroxenus soricis
Sorex palustris
Whitaker, J. O. (jr.); and Schmeltz, L. L., 1973 a
St. Louis County, Minnesota

Oryzomysia gen. n.
Atopomelidae
Fain, A., 1970 c, 287
tod: O. longilobata sp. n.

Oryzomysia longilobata gen. et sp. n. (tod)
Oryzomys sp.
Fain, A., 1970 c, 287-288
S. Lourenço, Pernambouc, Brésil

Oryzomysia peruviana sp. n.
Oryzomys capito nitidus
Fain, A., 1970 c, 288
Pérou Central

Otobius Banks, 1912
Syn.: Otophilus Torreggiani, 1912
Keirans, J. E., 1972 a

Otobius megnini
human (ear)
cattle (ear)
dog (ear)
Chellappa, D. J., 1973 a, fig.
all from India

Otobius megnini
disease transmission, man, review
Gregson, J.D., 1960 b, fig.
British Columbia

Otobius megnini (Dugès, 1884)
Syn.: Otophilus asini Torreggiani, 1912
Keirans, J. E., 1972 a

Otobius megnini
horses (ears)
cattle (ears)
sheep (ears)
cats
MacLeod, J.; Colbo, M. H.; and Bak-Pedersen, S., 1970 a
Mazabuka district, Southern Province, Zambia
Mazabuka district, Southern Province, Zambia
Mazabuka district, Southern Province, Zambia
Northern Province, Zambia

Otobius megnini — Meleney, W. P.; and Roberts, I. H., 1970 a
Antilocapra americana
Barbados sheep
cows
all from New Mexico

[Otobius megnini] — Miller, J. P., 1971 a
coumaphos, cattle

Otobius megnini — Woolley, T. A., 1972 a, fig.
morphology, respiratory apparatus, scanning electron microscopy

Otodectes cynotis — Andersen, Å., 1961 a
DDT, Lindane, mink

Otodectes cynotis — Persson, L., 1973 a
dogs
cats
all from Sweden

Otophilus Torreggiani, 1912 — Keirans, J. E., 1972 a
as syn. of Otobius Banks, 1912

Otophilus asini Torreggiani, 1912 — Keirans, J. E., 1972 a
as syn. of Otobius megnini (Dugès, 1884)

Oxylipeurus dentatus — Mustaffa-Babjee, A., 1969 a
poultry
Malaysia

Oxylipeurus repandus (Carriker, 1945) — Emerson, K. C., 1960 f
as syn. of O. volsellus (Ewing, 1930) [n. comb.]

Oxylipeurus songprakobi n. sp. — Elbel, R. E.; and Price, R. D., 1970 a, 238,240,241,242, figs. 7-10
Caloperdix o. oculea
Malay Peninsula

Oxylipeurus tetraonis (Grube, 1851) — Brglez, J.; Hribar, H.; and Brelih, S., 1967 a
Tetrao urogallus
Slovenia

Oxylipeurus unicolor (Piaget) — Elbel, R. E.; and Price, R. D., 1970 a, figs. 11-12

Oxylipeurus volsellus (Ewing, 1930) [n. comb.] — Emerson, K. C., 1960 f
Syns.: Lipeurus volsellus Ewing; O. repandus (Carriker, 1945)
Odontophorus gujanensis marmoratus (type host)
Aramides cajaneus chiricote Panama

Oxypterum Leach, 1817 — Vanschuytbroeck, P., 1968 a, 3
as syn. of Crataerina Olfers, 1816

Pachylaelaps furcifer
Clethrionomys glareolus
Mahnert, V., 1971 a
the Tirol, Austria

Pachylaelaptidae [sp.]
[Micromys minutus]
Igolkin, N.I., 1960 a
Ob River shore

Pagina Cressey, 1964
Pandaridae, key
Cressey, R. F., 1967 a, 5, 49

Pagina tunica Cressey
Alopias superciliosus
Cressey, R. F., 1967 a, 50-53, figs. 243-267
Majunga, Madagascar; Nosy Bé, Madagascar

Palaeopsylla
evolution, no change since eocenic times
Hennig, W., 1969 a

Palaeopsylla apsidata
new species
Crocidura sp.
Traub, R.; and Evans, T. M., 1967 b, 603, 611-614, figs. 13-18
W. Malaysia: Malaya, Perak, Maxwell Hill

Palaeopsylla caucasica
Talpa caucasica
Apodemus (Sylvimus) sylvaticus
Alaniia, I. I.; Dzneladze, M. T.; Rostigaev, B. A.; and Shiranovich, P. I., 1971 a
all from Adjarian ASSR

Palaeopsylla kohauti
infectivity, altitude, seasonal distribution
Sorex araneus
Mahnert, V., 1972 a
Tirol, Austria

Palaeopsylla kohauti
Talpa europaea
Neomys fodiens
Microtus nivalis
Pitymys subterraneus
Rattus rattus
Peus, F., 1970 a
all from Germany

Palaeopsylla minor (Dale)
anomalies
Beaucournu, J. C., 1969 b, figs.

Palaeopsylla minor
Talpa europaea
Sorex araneus
Neomys fodiens
Peus, F., 1970 a
all from Germany

Palaeopsylla minor (Dale)
Talpa europaea
Roberts, C. J[2], 1972 a
Anglesey, Great Britain

Palaeopsylla recava
n. species
Soriculus caudatus fumidus
shrew
Traub, R.; and Evans, T. M., 1967 b, 603, 604-611, 657, figs. 1-12, 77
all from Taiwan

Palaeopsylla remota nesicola
n. subspecies
Anourosorex sp. (Chodsigoa sodalis misident.)
shrew
Mogera insularis
Traub, R.; and Evans, T. M., 1967 b, 603, 621, 622-626, figs. 33-33A, 35, 37-41, 43, 79
all from Taiwan: Nan Tou Hsien, Wu-she

Palaeopsylla setzeri
n. species
Hyperacrius sp.
Hyperacrius wynnei
H. fertilis
Apodemus sp.
Crocidura sp.
Rattus rattoides
Traub, R.; and Evans, T. M., 1967 b, 603, 614-615, 616, 617-620, 622, 659, figs. 19-28, 30-31, 78
all from W. Pakistan: Hazara Dist., Kaghan Valley, Shogran

Palaeopsylla similis Dampf
Talpa europaea
Pinchuk, L. M., 1968 a
Moldavia

Palaeopsylla soricis ssp.
infectivity, altitude, seasonal distribution
Sorex araneus
Mahnert, V., 1972 a
Tirol, Austria

Palaeopsylla soricis
Talpa europaea
Sorex araneus
S. minutus
S. alpinus
Neomys fodiens
N. anomalus
Clethrionomys glareolus
Microtus agrestis
M. arvalis
M. nivalis
Pitymys subterraneus
Apodemus flavicollis
A. sylvaticus
Peus, F., 1970 a
all from Germany

Palaeopsylla soricis Dale
Sorex araneus
Pinchuk, L. M., 1968 a
Moldavia

Palaeopsylla soricis rosickyi
infectivity, altitude, seasonal distribution
Neomys anomalus milleri
Sorex araneus
Mahnert, V., 1972 a
all from Tirol, Austria

Palaeopsylla soricis soricis
infectivity, altitude, seasonal distribution
Sorex alpinus
S. minutus
S. araneus
Microtus nivalis
Clethrionomys glareolus
Mahnert, V., 1972 a
all from Tirol, Austria

Palaeopsylla soricis soricis (Dale)
Sorex araneus
Sorex minutus
Neomys fodiens
Apodemus sylvaticus
Microtus agrestis
Roberts, C. J[2], 1972 a
Lancashire, Yorkshire, Isle of Ulva, Great Britain
Lancashire, Great Britain
" " "
" " "
Lancashire, Cheshire, Great Britain

Palaeopsylla sorecis starki Wagn., 1929
Sorex unguiculatus
Okuntsova, E. V.; Savitskiĭ, B. P.; and Voronov, G. A., 1970 a
Northern Sakhalin

Pallasiomyia Rubtzow
Hypodermatini, key
Wetzel, H., 1972 a

Panallius galeanus (Jordan)
Galea leucoblephara
Conepatus castaneus proteus
Galea musteloides leucoblephara
Lagostomus m. maximus
Microcavia a. australis
Giménez, D.F.; Ciccarelli, C. A.; and de la Barrera, J. M., 1964 a
all from Argentina

Pandaridae
systematic revision
Cressey, R. F., 1965 a

Pandaridae Milne-Edwards, 1840
Copepoda, Caligoida
revision, key to groups and genera
includes: Perissopus; Pandarus; Pannosus; Phyllothyreus; Gangliopus; Pseudopandarus; Dinemoura; Pagina; Echthrogaleus; Demoleus; Paranesippus; Nesippus
Cressey, R. F., 1967 a

Pandarus Leach, 1816
Pandaridae, key
Syn.: Nogagus Leach, 1819
key to species, includes: P. bicolor; P. niger; P. carcharhini; P. smithii; P. satyrus; P. cranchii; P. sinuatus; P. floridanus; P. zygaenae; P. katoi
Cressey, R. F., 1967 a, 4, 5-6

Pandarus affinis Beneden, 1892
as syn. of P. sinuatus Say, 1817
Cressey, R. F., 1967 a, 16

Pandarus armatus Heller, 1868
as syn. of P. cranchii Leach, 1819
Cressey, R. F., 1967 a, 9

Pandarus armatus Thomson, 1889
as syn. of Echthrogaleus denticulatus Smith, 1874
Cressey, R. F., 1967 a, 56

Pandarus bicolor Leach, 1816
Syns.: P. boscii Leach, 1816; Caligus bicolor (Leach, 1816) Lamarck, 1818; P. fissifrons of Milne-Edwards, 1840; P. lividus of Frey and Leuckart, 1847
Cressey, R. F., 1967 a, 6, 20-22, figs. 100-108

Squalus acanthias	North Sea, Eastern North Atlantic and off Coast of the Netherlands

Pandarus bicolor Leach
O'Riordan, C. E., 1966 a

Eugaleus galeus	Ireland: off Valentia Is.

Pandarus boscii Leach, 1816
as syn. of P. bicolor Leach, 1816
Cressey, R. F., 1967 a, 21

Pandarus carcharhini Ho, 1960
Cressey, R. F., 1967 a, 6, 23-24, figs. 119-124

Galeorhinus sp.	Formosa
Carcharinus gangeticus	"
C. leucas	Nosy Bé, Madagascar; Durban, South Africa
C. sorrah	Nosy Bé, Madagascar
C. limbatus	" "

Pandarus carchariae Leach, 1819
as syn. of Pandarus cranchii Leach, 1819
Cressey, R. F., 1967 a, 9

Pandarus concinnatus Dana, 1852
as syn. of Pandarus cranchii Leach, 1819
Cressey, R. F., 1967 a, 9

Pandarus cranchii Leach, 1819
key
Syns.: Nogagus latreilli Leach, 1819; Pandarus carchariae Leach, 1819; P. concinnatus Dana, 1852; P. pallidus Milne Edwards, 1840; P. vulgaris Milne-Edwards, 1840; P. armatus Heller, 1868; P. dentatus Milne-Edwards, 1840
Cressey, R. F., 1967 a, 6, 9-10, figs. 27-33

Pterolamiops longimanus	Atlantic Ocean; Indian Ocean; Pacific Ocean; Durban, South Africa; Gulf of Mexico
Eulamia falciformis	North Atlantic Ocean
" obscura	" " "
" floridanus	" " " ; Indian Ocean
Carcharinus malpeloensis	Pacific Ocean
C. galapagensis	" "
Sphyrna zygaena	" "
Galeocerdo cuvier	Formosa; Pointe Noire, West Africa

Pandarus dentatus Milne-Edwards, 1840
as syn. of P. cranchii Leach, 1819
Cressey, R. F., 1967 a, 9

Pandarus fissifrons Milne-Edwards, 1840
as syn. of Pandarus bicolor Leach, 1816
Cressey, R. F., 1967 a, 21

Pandarus floridanus n. sp. [nomen nudum]
+sharks
Cressey, R. F., 1965 a, 2928

Pandarus floridanus n. sp.
Cressey, R. F., 1967 a, 6, 12-16, figs. 46-66

Carcharodon carcharias	Dennis, Mass.; off Cape Lookout, N. C.;
Lamna nasus	Woods Hole, Mass.

Pandarus katoi n. sp. [nomen nudum]
+shark
Cressey, R. F., 1965 a, 2928

Pandarus katoi n. sp.
key
Cressey, R. F., 1967 a, 6, 17-19, figs. 69-96

Carcharinus malpeloensis	Pacific Ocean
C. azureus	" "
C. platyrhynchus	Cocos Islands

Pandarus lamnae Johnston, 1835
as syn. of Dinemoura producta (Müller, 1785)
Cressey, R. F., 1967 a, 39

Pandarus lividus Frey and Leuckart, 1847
as syn. of P. bicolor Leach, 1816
Cressey, R. F., 1967 a, 21

Pandarus longus Gnanamuthu, 1951
as syn. of Pseudopandarus longus (Gnanamuthu, 1951) [n. comb.]
Cressey, R. F., 1967 a, 31

Pandarus lugubris Heller 1868
as syn. of Pandarus smithii Rathbun, 1886
Cressey, R. F., 1967 a, 11

Pandarus marcusi Carvalho, 1940
as syn. of P. smithii Rathbun, 1886
Cressey, R. F., 1967 a, 11

Pandarus niger Kirtesinghe, 1950
Cressey, R. F., 1967 a, 6, 22-23, figs. 109-118

Galeorhinus sp.	Formosa

Pandarus pallidus Milne-Edwards, 1840
as syn. of Pandarus cranchii Leach, 1819
Cressey, R. F., 1967 a, 9

Pandarus satyrus Dana, 1852
key
Cressey, R. F., 1967 a, 6-9, figs. 1-26

Prionace glauca	North Atlantic Ocean; Pacific Ocean; Indian ocean

Pandarus sinuatus Say, 1817
Syn.: P. affinis Beneden, 1892
Cressey, R. F., 1967 a, 6, 16, figs. 67-68

Carcharinus leucas	Sarasota, Florida
Negaprion brevirostris	" "

Pandarus sinuatus Say
Pearse, A. S., [1953 b]

Sphyrna tiburo (skin)	all from Alligator Harbor, Florida
Carcharhinus limbatus (skin)	

Pandarus smithii Rathbun, 1886
key
Syns.: Pandarus lugubris Heller, 1868; P. marcusi Carvalho, 1940
Cressey, R. F., 1967 a, 6, 11-12, figs. 34-35

Isurus oxyrhynchus	North Atlantic Ocean; Indian ocean
Eulamia obscurus	North Atlantic Ocean
E. floridanus	North Atlantic Ocean; Indian ocean
Alopias vulpinus	Indian ocean
Carcharinus azureus	Pacific Ocean
C. galapagensis	" "
C. malpeloensis	" "
Carcharinus limbatus	Pacific Ocean
Hypoprion signatus	Gulf of Mexico
Carcharodon carcharias	Cape Cod, Mass.
Sphyrna zygaena	off Coast of Brazil

Pandarus vulgaris Milne-Edwards, 1840
as syn. of P. cranchii Leach, 1819
Cressey, R. F., 1967 a, 9

Pandarus zygaenae Brady, 1883
key
Sphyrna zygaena
Sphyrna sp.
Cressey, R. F., 1967 a, 6, 19-20, figs. 97-99
off São Paulo, Brazil; Pacific Ocean
" "

Pannosus n.g.
includes Gangliopus japonicum Shiino, 1960
Cressey, R. F., 1965 a, 2928

Pannosus n. gen.
Pandaridae, key
Cressey, R. F., 1967 a, 4, 32-33
tod: Gangliopus japonicus (Shiino, 1960)

Pannosus japonicum (Shiino, 1960) [n. comb.]
Syn.: Gangliopus japonicum Shiino, 1960
Cressey, R. F., 1965 a, 2928

Parabomolochus Vervoort, 1962
as syn. of Bomolochus Von Nordmann, 1932
Vervoort, W., 1969 a, 2

Parabomolochus concinnus Pillai, 1967
as syn. of Bomolochus concinnus C. B. Wilson, 1911
Vervoort, W., 1969 a, 20

Parabomolochus globiceps Vervoort & Ramírez, 1968
Vervoort, W., 1969 a, 4

Parabomolochus nitidus Pillai, 1967
as syn. of Bomolochus concinnus C. B. Wilson, 1911
Vervoort, W., 1969 a, 21

Parabomolochus psettobius Vervoort, 1962
Vervoort, W., 1969 a, 4

Paraboopia Werneck & Thompson
key, description
Boopiidae
von Kéler, S., 1971 a

Paraboopia flava Werneck & Thompson, 1940
Macropus robustus
von Kéler, S., 1971 a, figs.
New South Wales

Paraceras flabellum Wagn. +[Acrocephalus schoenobaenus] (nest)
Tarasevich, L.N.; Tagil'tsev, A. A.; and Mal'kov, G. B., 1969 a
Omsk region, USSR

Paraceras m. melis (Walker)
anomalies
Beaucournu, J. C., 1969 b, figs.

Paraceras melis melis
Vulpes vulpes
Berlinguer, G., 1964 a, figs.
Rome, Italy

Paraceras melis melis (Walker, 1859)
Vulpes vulpes
Hinaidy, H. K., 1971 a
Austria

Paracerceis caudata (Say)
Styelia plicata
Pearse, A. S., [1953 c]
Alligator Harbor, Florida

Paraergasilus sp.
Sukhenko, G. E.; and Polishchuk, V. V., 1969 a
Katlabukh estuary

Paraergasilus brevidigitus Yin, 1954
Schizothorax intermedius
[Cyprinus carpio haematopterus]
Mylopharyngodon piceus
Osmanov, S. O., 1971 a, 237
all from Uzbekistan

Paraergasilus longidigitus
Lagodon rhomboides (gill filaments)
Johnson, S. K., 1971 a
Gulf of Mexico (Florida, Alabama, Louisiana)

Paraergasilus longidigitus Yin, 1954
(nasal fossa of all)
Leuciscus lehmanni
Cyprinus carpio
Carassius auratus gibelio
Ctenopharyngodon idella
Mylopharyngodon piceus
Hypophthalmichthys molitrix
[Esox lucius reicherti]
Osmanov, S. O., 1971 a, 237
all from Uzbekistan

Paraergasilus rylovi Markewitsch, 1937
(nostrils of all)
[Acipenser ruthenus]
Abramis brama
Leuciscus idus
[Abramis ballerus]
[Carassius carassius]
Esox lucius
Pelecus cultratus
Chalcalburnus chalcoides
Osmanov, S. O., 1971 a, 237
all from Uzbekistan

Paraergasilus rylovi
Sukhenko, G. E.; and Polishchuk, V. V., 1969 a
Caspian

Paraergasilus rylovi borysthenicus
Sukhenko, G. E.; and Polishchuk, V. V., 1969 a
Katlabukh, Yalpukh and Saf'yan estuaries

Paraheterodoxus Harrison & Johnston, 1916
Boopiidae, key, description, key to species
von Kéler, S., 1971 a, 67-68

Paraheterodoxus calcaratus sp. nov.
key
Syn.: P. insignis, [of] Werneck and Thompson, 1940
Bettongia penicillata
Wallabia bicolor
von Kéler, S., 1971 a, 67, 68-69, figs. 73, 128
Dryandra, West Australia
Gippsland, Victoria

Paraheterodoxus erinaceus sp. nov.
key
Potorous tridactylus
von Kéler, S., 1971 a, 67, 68, 69-70, fig. 129
Sandfly, Tasmania

Paraheterodoxus insignis Harrison & Johnston, 1916
key, description
Aepyprymnus rufescens
von Kéler, S., 1971 a, 70-71, figs.
New South Wales

Paraheterodoxus insignis, [of] Werneck and Thompson, 1940
as syn. of P. calcaratus sp. nov.
von Kéler, S., 1971 a, 67

Paralabidocarpus tonatiae sp. n.
Tonatia venezuelae
Fain, A., 1970 c, 298
Vénézuela

Paraneonyssus pericrocoti n. sp.
Pericrocotus roseus divaricatus (nasal passages)
Sakakibara, I., 1967 a, 597-599, figs. A-E
Liukuei, Taiwan

Paraneopsylla ioffi nepali ssp. n.
Ochotona roylei
Lewis, R. E., 1971 a, 401-402, figs. 1-6
Gosainkund Lakes, Nuwakot District, Bagmati Zone, Nepal

Paranesippus Shiino, 1955
Pandaridae, key
Cressey, R. F., 1967 a, 5, 67

Paranirmus Zlotorzycka, 1964 — Dalgleish, R. C., 1972 a, 83
as syn. of Penenirmus Clay and Meinertzhagen, 1938

Paranirmus heteroscelis (Nitzsch) — Dalgleish, R. C., 1972 a, 99
as syn. of Penenirmus heteroscelis (Nitzsch, 1866)

Paranotodelphys procax n. sp. — Stock, J. H.; and Humes, A. G., 1970 a, 195-200, 211, figs. 1-3
Parerythropodium fulvum ssp. fuscum — Madagascar

Paranthessius Claus, 1889 — Humes, A. G., 1970 b
key to species
includes: P. myxicolae Bocquet and Stock, 1958; P. panopeae Illg, 1949; P. anemoniae Claus, 1889; P. dissidens, n. sp.; P. barneae (Pelseneer, 1929); P. protothacae Humes, 1967; P. caribaeus n. sp.; P. columbiae (Thompson, 1897); P. validus (Sars, 1918); P. parvus (Sars, 1918); P. cynthiae (Brian, 1934); P. perplexus Illg, 1949; P. mesodesmatis Humes, 1967; P. protothacae Humes, 1967; P. haploceras Bocquet and Stock, 1959; P. barneae (Pelseneer, 1929); P. rostratus (Camu, 1891); P. pectinis (Pesta, 1909); P. tivelae Illg, 1949; P. saxidomi Illg, 1949

Paranthessius caribaeus n. sp. — Humes, A. G., 1970 b, 605, 614-620, figs. 26-51
key
Chama sinuosa — Six Men's Bay, north of Speightstown, St Peter, Barbados; Cayo Terremoto, southwestern Puerto Rico; off Port Royal, Jamaica
Pseudochama radians — Rackham's Cay, off Port Royal, Jamaica

Paranthessius dissidens n. sp. — Humes, A. G., 1970 b, 605-613, figs. 1-25
key
Pseudochama radians (mantle cavity) — Rackham's Cay, near Port Royal, Jamaica; south of Magüeyes Island, Puerto Rico
Chama sinuosa — south of Magüeyes Island, Puerto Rico

Parapandarus nodosus Wilson, 1924 — Cressey, R. F., 1967 a, 25
as syn. of Phyllothyreus cornutus (Milne-Edwards, 1840)

Paraperiglischrus Spinturnicidae, key — Pan, Z.-W.; and Teng, K.-F., 1973 a

Paraperiglischrus analis sp. nov. — Pan, Z.-W.; and Teng, K.-F., 1973 a, 82, 83-84, 87-88, figs. 1-4
Hipposideros pratti pratti — Fukien Province, China

Paraperiglischrus rhinolophimus (C.L. Koch, 1841) — Beron, P., 1971 a
all from France
Rhinolophus euryale
R. ferrumequinum
R. hipposideros

Paraperiglischrus rhinolophinus (Koch, 1841) — Pan, Z.-W.; and Teng, K.-F., 1973 a
Rhinolophus rouxi sinicus — China

Parapulex chephrenis — Rifaat, M. A.; Mahdi, A. H.; and Arafa, M. S., 1969 b
Rattus rattus frugivorus — all from Egypt
Mus musculus
Acomys cahirinus

Parartrogus Th. & A. Scott, 1893 — Giesbrecht, W., 1895 b
Ascomyzontidae; Dyspontiinae subfam. n.

Parartrogus richardi Th. & A. Scott — Giesbrecht, W., 1895 b
Firth of Forth

Parasecia Loomis 1966 — Brennan, J. M., 1969 c
subgen. of Fonsecia, key to species, "briefly redefined"

Parasecia aitkeni (Brennan and Jones, 1960) — Brennan, J. M., 1970 e
Oryzomys capito — Bolivia

Parasecia aitkeni (Brennan and Jones, 1960) — Brennan, J. M.; and Lukoschus, F. S., 1971 a
Philander opossum — Surinam

Parasecia manueli (Brennan and Jones, 1960) — Brennan, J. M.; and Lukoschus, F. S., 1971 a
Proechimys guyannensis
Philander opossum
Didelphis marsupialis
all from Surinam

Parasecia orphana n. sp. — Brennan, J. M., 1971 a, 212, 213, 214, fig. 1-A
Proechimys guyannensis — APEG Forest, Belém, Pará, Brazil

Parasecia valida (Brennan, 1969) — Brennan, J. M.; and Lukoschus, F. S., 1971 a
Proechimys guyannensis — Surinam

Parasitidae gen. spp. — Beliaev, V. G., 1969 a
+Lemmus s. sibiricus (nest)
+Dicrostonyx torquatus vinogradovi (nest)
all from Vrangel Island

Parasitidae gen. sp. — Davydov, G.S.; and Morozova, I.V., 1970 a
Tadzhikistan

Parasitidae gen. sp. — Davydov, G.S.; and Morozova, I.V., [1971 a]
[Rattus turkestanicus]
[Mus musculus]
[Meriones erythrourus]
[Ellobius talpinus]
[Spermophilus leptodactylus]
[Meriones tamariscinus]
[M. meridianus]
all from western Tadzhikistan

Parasitidae [sp.] — Igolkin, N. I., 1960 a
Arvicola terrestris
Microtus oeconomus
Clethrionomys
Sorex
all from Ob River shore

Parasitus sp. — Edler, A.; and Mehl, R., 1972 a
Sorex araneus
Clethrionomys glareolus
Microtus agrestis
M. oeconomus
Apodemus sylvaticus
all from Norway

Parasitus sp. — Mahnert, V., 1971 a
Clethrionomys glareolus
Sorex alpinus
Sorex araneus
Neomys anomalus milleri
Apodemus flavicollis
Apodemus sylvaticus
Pitymys subterraneus
Microtus nivalis
all from the Tirol, Austria

Parasitus kraepelini — Edler, A.; and Mehl, R., 1972 a
Lemmus lemmus
Clethrionomys glareolus
C. rufocanus
Microtus agrestis
Sorex araneus
Microtus oeconomus
all from Norway

Parasitus remberti — Edler, A.; and Mehl, R., 1972 a
Sorex araneus
Clethrionomys rutilus
C. glareolus
C. rufocanus
Microtus agrestis
M. oeconomus
all from Norway

Paraspinturnix — Pan, Z.-W.; and Teng, K.-F., 1973 a
Spinturnicidae, key

Parathelges weberi Nierstrasz and Brender à Brandis, 1923 — Danforth, C. G., [1972 a], fig. 22 miles north of Maiwara, Northeast New Guinea
Calcinus laevimanus (dorsal abdomen)

Passeronyssus havanensis Dusbábek, 1969 — Pence, D. B., 1972 g
as syn. of Ptilonyssus hoseini Fain and Aitken comb. n.

Passeronyssus hoseini Fain and Aitken, 1967 — Pence, D. B., 1972 g
as syn. of Ptilonyssus hoseini Fain and Aitken, comb. n.

Passeronyssus neochmiae (Domrow, 1969) n.comb. — do Amaral, V., 1973 a

Passeronyssus urieli sp. n. — do Amaral, V., 1973 a, 67, 68-73, figs. 1-4
Myiarchus ferox australis (cavidade nasal) — Cipó, Est. de São Paulo

Passeronyssus vireonis Dusbábek, 1969 — Pence, D. B., 1972 g
as syn. of Ptilonyssus vireonis Dusbábek, comb. n.

Passeronyssus zeferinoi sp. n. — do Amaral, V., 1973 a, 67, 73-77, figs. 5-7
Cacicus haemorrhous (cavidade nasal) — Itanhaem, Est. de São Paulo

Pavlovskiata Grunin — Wetzel, H., 1972 a
Hypodermatini, key

Pectinopygus gracilicornis (Piaget) — Tendeiro, J., 1958 f, pl.
Fregata minor — Mozambique

Pectinopygus pullatus N. — Hellén, W., 1939 a
Sula bassana — Finland: Petsamo

Pediculinus spp. — Mustaffa-Babjee, A., 1969 a
monkey — Malaysia

Pediculinus eurygaster (Burmeister) — Spencer, G. J., 1966 a
Macaca mulatta — British Columbia (in captivity)

Pediculinus obtusus (Rudow) — Spencer, G. J., 1966 a
Macaca mulatta — British Columbia (in captivity)

Pediculoides ventricosus (Newport 1850) — Nicoli, R. M.; Mourgue, M.; Quilici, M.; and Sempe, M., 1969 a, figs.
human, dermatitis — Marseille

Pediculosis — Palička, P.; Mališ, L.; and Zwyrtek, K., 1971 a
incidence, human — Karvina district

Pediculosis — Pumpianski, R.; and Szeskin, J., 1965 a
human pruritus vulvae, clinical aspects

Pediculosis — Ridley, C.M., 1972 a
human vulva, literature review

Pediculosis — Šalamon, T.; and Lazović-Tepavac, O., 1970 a
human, associated with alopecia, case reports, possible allergic pathogenesis

Pediculus — Pillsbury, D. M.; and Hambrick, G. W. (jr.), 1965 a
human dermatological diseases, clinical aspects

Pediculus [sp.] — Ronald, N. C.; and Wagner, J. E., 1973 a, figs.
"intermediate between Pediculus humanus and P. mjobergi"
Ateles geoffroyi — zoo, central Missouri
human (nat. and exper.)

Pediculus auritus Scopoli, 1763 — Dalgleish, R. C., 1972 a, 88
as syn. of Penenirmus auritus (Scopoli, 1763)

Pediculus capitis — Daniel, F., 1970 a
human dermatitis, clinical aspects, diagnosis, review

Pediculus capitis — Petrescu, S.; and Călinescu, C., 1971 a
in vitro experiments, egg dissolvents

Pediculus corporis — Daniel, F., 1970 a
human dermatitis, clinical aspects, diagnosis, review

Pediculus corporis — Petrescu, S.; and Călinescu, C., 1971 a
in vitro experiments, egg dissolvents

Pedicul[us] corporis — Walshe, M., 1967 a
human with lymphatic leukaemia, confused diagnosis

Pediculus hirundinis Linnaeus, 1761 — Ledger, J. A., 1971 a, 39
as syn. of Dennyus (D.) hirundinis (Linnaeus, 1761)

Pediculus humanus — Gaon, J., 1966 a
typhus vector, attempts at virulence modification by serial passages through lice

Pediculus humanus — Ombati, D. G.; and Ojiambo, H. P., 1968 a
vector, relapsing fever, case report — Nairobi, Kenya

Pediculus humanus — Sagaĭdakovskiĭ, N. N., 1971 a; 1971 b
phenylbutazone resistance, inherited from female lice, not associated with symbionts or infectious agents

Pediculus humanus capitis — Bhattacharya, N. C.; Biswas, T.; and Dey, N., 1968 a
humans, benzyl benzoate — Calcutta, India

Pediculus humanus capitis — Felsenfeld, O., 1971 a
vectors, human borreliosis

Pediculus humanus capitis — Keh, B.; and Poorbaugh, J.H., 1971 a, figs.
diagnosis, treatment

Pediculus humanus capitis — Pazdziora, E., 1971 a
children, school health, occurrence, neracaine — Czechoslovakia

Pediculus humanus capitis — Shalaby, A. M., 1971 a
susceptibility tests, DDT, Dieldrin — Libya

Pediculus humanus capitis DeGeer — Spencer, G. J., 1966 a
Homo sapiens — British Columbia

Pediculus humanus corporis — Bhattacharya, N. C.; Biswas, T.; and Dey, N., 1968 a
humans, benzyl benzoate — Calcutta, India

Pediculus humanus corporis — Felsenfeld, O., 1971 a, figs.
vectors, human borreliosis

Pediculus humanus corporis occurrence "skid-row" dwellers, case reports, clinical review, epidemiology — Lewis, R. J.; and Mitchell. J. C., 1969 a, fig. Vancouver, British Columbia

Pediculus humanus corporis susceptibility tests, DDT, Gamma BHC, Dieldrin — Shalaby, A. M., 1971 a Libya

Pediculus humanus corporis DeGeer Homo sapiens — Spencer, G. J., 1966 a British Columbia

Pediculus humanus corporis control, juvenile hormone analogues — Takahashi, M.; Mihara, M.; Ohtaki, T.; and Mori, K., 1973 a

Pediculus humanus corporis susceptibility to gamma-BHC; increased resistance to DDT — Turner, E. R., 1967 a Egypt

Pediculus humanus corporis dilor — Vashkov, V. I.; and Papoian, A. M., 1971 a

Pediculus humanus humanus dichlorvos impregnated plastic strips, field method of disinfesting clothing, effective except for eggs in early stage of embryonation — Boese, J.L.; Wisseman, C.L. (jr.); and Fabrikant, I.B., 1972 a

Pediculus humanus humanus L. response, blackbody radiation and antennal morphology — Bolivar Broce, A., 1971 a, figs.

Pediculus humanus humanus sleeve tests, insecticides — Cole, M. M.; Hirst, J. M.; Gilbert, I. H.; and Adams, C. T., 1971 a

Pellonyssus passeri Clark and Yunker
+Passer domesticus (nests) — Phillis, W. A.; and Cromroy, H. L., 1972 a Gainesville, Florida
+Mimus polyglottos " "

Pellonyssus passeri Clark and Yunker
Sturnus vulgaris — Vincent, A. L., 1972 a San Diego County, California

Pellonyssus reedi (Zumpt and Patterson, 1952)
+Plesiositagra cucullatus (nest) — Okereke, T.A., 1970 a Nigeria

Pediculus pici Schrank, 1803
as syn. of Penenirmus heteroscelis (Nitzsch, 1866) — Dalgleish, R. C., 1972 a, 99

Pediculus pici Fabricius, J. C., 1798
as syn. of Penenirmus pici (Fabricius, 1798) — Dalgleish, R. C., 1972 a, 97

Pediculus humanus humanus malathion, resistance — Miller, R. N.; et al., 1972 a Burundi, Africa

Pediculus humanus humanus DDT and BHC resistance, malathion susceptibility — Mahdi, A. H.; and Kamel, O. M., 1971 a Egypt

Pediculus humanus humanus diagnosis, treatment — Keh, B.; and Poorbaugh, J. H., 1971 a, fig.

Pediculus humanus humanus resistant to DDT, partially resistant to γ-B.H.C.; Dipterex, Sumithion, Metacil and Mesurol recommended for use — Enan, O. H., 1970 a Alexandria area, U.A.R.

Peltoculus n. gen. Trombiculidae — Brennan, J. M., 1972 b, 16 tod: Trombicula almae Brennan, 1968

Peltoculus almae (Brennan, 1968) n. gen., [n. comb.] (tod)
Syn.: Trombicula almae Brennan, 1968 — Brennan, J. M., 1972 b, 16

Peltoculus bobbiannae n. sp.
Thomasomys hylophilus — all from San Cristobal,
Oryzomys minutus — Tachira, Venezuela — Brennan, J. M., 1972 b, 16, 17, fig. 1A

Penenirmus Clay and Meinertzhagen, 1938
key to species
Syn.: Paranirmus Zlotorzycka, 1964 — Dalgleish, R. C., 1972 a, 83-85

Penenirmus accuratus Zlotorzycka, 1964
as syn. of Penenirmus heteroscelis (Nitzsch, 1866) — Dalgleish, R. C., 1972 a, 99

Penenirmus albiventris (Scopoli, 1772)
Troglodytes tr[oglodytes] islandicus — Iceland — Timmermann, G., 1950 a, fig.

Penenirmus arcticus Carriker, 1958
key
Picoides arcticus — Canada and U.S.A.
Picoides tridactylus crissoleucus — Siberia — Dalgleish, R. C., 1972 a, 85-87, 104, fig. 10

Penenirmus auritus (Scopoli, 1763)
key
Syns.: Pediculus auritus Scopoli, 1763; Philopterus auritus Scopoli; Penenirmus auritus auritus (Scopoli); Docophorus superciliosus Burmeister, 1838; Penenirmus superciliosus (Burmeister); Docophorus californiensis Kellogg, 1896; Philopterus californiensis Kellogg; Penenirmus californiensis (Kellogg); Penenirmus auritus californiensis (Kellogg); Penenirmus californiensis californiensis (Kellogg); Docophorus evagans Kellogg, 1896; Penenirmus evagans (Kellogg); Penenirmus auritus evagans (Kellogg); Penenirmus varius Emerson, 1953; Penenirmus auritus varius Emerson; Penenirmus californiensis varius Emerson; Penenirmus fiebrigi Eichler, 1953; Penenirmus serrilimbus fiebrigi Eichler; Penenirmus peusi Eichler, 1953; Penenirmus auritus peusi Eichler; Penenirmus auritus aurifrons Carriker, 1956; Penenirmus serrilimbus aurifrons Carriker; Penenirmus serrilimbus asyndesmus Emerson and Johnson, 1961; Penenirmus serrilimbus pileatus Emerson and Johnson, 1961; Picophilopterus pici rivolii Carriker, 1963; Picophilopterus pici caurensis Carriker, 1963; Penenirmus silesiacus Zlotorzycka, 1964 — Dalgleish, R. C., 1972 a, 83, 85, 88-97, 103-104, figs. 1, 2,11

Picummus cinnamomeus — Colombia
Picummus olivaceus — Colombia
Picummus innominatus — Thailand

Colaptes campestris — Paraguay
Colaptes campestris campestroides — Paraguay
Chrysoptilus punctigula striatigularis — Colombia
Chrysoptilus punctigula ujhelyi — Colombia
Chrysoptilus atricollis peruvianus — Peru
Piculus rivolii rivolii — Colombia
Piculus rivolii brevirostris — Colombia and Peru
Piculus rivolii atriceps — Peru

Piculus rubiginosus alleni — Colombia
Piculus rubiginosus uropygialis — Costa Rica

Penenirmus auritus.—Continued.	Dalgleish, R. C., 1972 a.—Continued.
Piculus rubiginosus yucatanensis	Yucatan
Micropternus brachyurus phaioceps	Thailand
Micropternus brachyurus squamigularis	Thailand
Picus chlorolophus	Thailand
Picus mineaceus	Malaya
Picus mineaceus malaccensis	North Borneo
Dryocopus pileatus	U.S.A.
Dryocopus pileatus pileatus	U.S.A.
Dryocopus pileatus abieticola	U.S.A.
Dryocopus lineatus	Yucatan and Trinidad
Dryocopus lineatus petersi	Mexico
Asyndesmus lewis	U.S.A.
Melanerpes erythrocephalus	Canada and U.S.A.
Melanerpes formicivorus	U.S.A.
Melanerpes formicivorus formicivorus	U.S.A.
Melanerpes formicivorus bairdi	U.S.A.
Melanerpes formicivorus flavigula	Colombia
Melanerpes formicivorus striatipectus	Costa Rica
Melanerpes hypopolius albescens	U.S.A.
Melanerpes carolinus	U.S.A.
Melanerpes aurifrons	U.S.A.
Melanerpes aurifrons grateloupensis	Mexico
Melanerpes superciliaris nyeanus	Bahama Islands
Melanerpes cruentatus cruentatus	Peru, Bolivia and Colombia
Sphyrapicus varius	Canada and U.S.A.
Sphyrapicus varius varius	Canada and U.S.A.
Sphyrapicus varius nuchalis	U.S.A.
Sphyrapicus varius ruber	U.S.A.
Sphyrapicus thyroideus	Mexico and U.S.A.
Veniliornis fumigatus	Mexico
Veniliornis kirkii cecilii	Colombia
Veniliornis callonotus major	Peru
Veniliornis dignus	Colombia
Dendrocopos major major	Estonia
Dendrocopos major pinetorum	Poland
Dendrocopos darjellensis	Sikkim
Dendrocopos leucotos	Formosa
Dendrocopos hyperythrus hyperythrus	Nepal
Dendrocopos atratus	Thailand
Dendrocopos macei macei	India
Dendrocopos minor minor	Estonia
Dendrocopos kizuki	Korea
Dendrocopos albolarvatus	U.S.A.
Dendrocopos villosus	Bahama Is., Canada and U.S.A.
Dendrocopos villosus hyloscopus	U.S.A.
Dendrocopos villosus harrisii	U.S.A.
Dendrocopos villosus extimus	Costa Rica
Dendrocopos pubescens	U.S.A.
Dendrocopos pubescens medianus	U.S.A.
Dendrocopos scalaris	Mexico and U.S.A.
Dendrocopos scalaris giraudi	Mexico
Dendrocopos scalaris symplectus	U.S.A.
Dendrocopos arizonae	Mexico

Penenirmus auritus auri-frons Carriker, 1956 — Dalgleish, R. C., 1972 a, 91
as syn. of Penenirmus auritus (Scopoli, 1763)

Penenirmus auritus auritus (Scopoli) — Dalgleish, R. C., 1972 a, 88
as syn. of Penenirmus auritus (Scopoli, 1763)

Penenirmus auritus californiensis (Kellogg) — Dalgleish, R. C., 1972 a, 88
as syn. of Penenirmus auritus (Scopoli, 1763)

Penenirmus auritus evagans (Kellogg) — Dalgleish, R. C., 1972 a, 89
as syn. of Penenirmus auritus (Scopoli, 1763)

Penenirmus auritus peusi Eichler — Dalgleish, R. C., 1972 a, 91
as syn. of Penenirmus auritus (Scopoli, 1763)

Penenirmus auritus varius Emerson — Dalgleish, R. C., 1972 a, 90
as syn. of Penenirmus auritus (Scopoli, 1763)

Penenirmus californiensis (Kellogg) — Dalgleish, R. C., 1972 a, 88
as syn. of Penenirmus auritus (Scopoli, 1763)

Penenirmus californiensis californiensis (Kellogg) — Dalgleish, R. C., 1972 a, 89
as syn. of Penenirmus auritus (Scopoli, 1763)

Penenirmus californiensis varius Emerson — Dalgleish, R. C., 1972 a, 90
as syn. of Penenirmus auritus (Scopoli, 1763)

Penenirmus campephili Eichler, 1953 — Dalgleish, R. C., 1972 a, 85, 101-102, 104, figs. 7,8,13
key
Campephilus magellanicus — Chile

Penenirmus evagans (Kellogg) — Dalgleish, R. C., 1972 a, 89
as syn. of Penenirmus auritus (Scopoli, 1763)

Penenirmus fiebrigi Eichler, 1953 — Dalgleish, R. C., 1972 a, 90
as syn. of Penenirmus auritus (Scopoli, 1763)

Penenirmus heteroscelis (Nitzsch, 1866) — Dalgleish, R. C., 1972 a, 83, 85, 99-100, 103, figs. 5,6,14
neotype established, key
Syns.: Nirmus heteroscelis Nitzsch, 1866; Degeeriella heteroscelis (Nitzsch); Paranirmus heteroscelis (Nitzsch); Pediculus pici Schrank, 1803; Philopterus kumagera Uchida, 1949; Penenirmus accuratus Zlotorzycka, 1964
Dryocopus martius — Poland and U.S.S.R.

Penenirmus jungens (Kellogg, 1896) — Dalgleish, R. C., 1972 a, 83, 85, 100-101, 103
key
Syns.: Docophorus jungens Kellogg, 1896; Philopterus jungens Kellogg; Penenirmus villosus Emerson and Johnson, 1961
Colaptes cafer — Mexico and U.S.A.
Colaptes cafer collaris — U.S.A.

Penenirmus jungens.--Continued. Dalgleish, R. C., 1972 a.--Continued.
Colaptes auratus — Canada and U.S.A.
Colaptes auratus luteus — U.S.A.
Colaptes chrysoides mearnsi — U.S.A.
Dendrocopos villosus — U.S.A.

Penenirmus macrotrichus (Kolenati) Dalgleish, R. C., 1972 a, 98
as syn. of Penenirmus pici (Fabricius, 1798)

Penenirmus maculipes (Piaget, 1880) Dalgleish, R. C., 1972 a, 85, 102-103
key
Syns.: Docophorus maculipes Piaget, 1880; Philopterus maculipes Piaget
Picus — Bangka

Penenirmus marginatus n. sp. Tendeiro, J., 1958 f, 223, 235-238, fig. 12, pl. 8, photos 15-16
Indicator indicator — Mozambique

Penenirmus peusi Eichler, 1953 Dalgleish, R. C., 1972 a, 90
as syn. of Penenirmus auritus (Scopoli, 1763)

Penenirmus pici (Fabricius, 1798 Dalgleish, R. C., 1972 a, 83, 85, 97-99, 103-104, figs. 3, 4,12
key
Syns.: Pediculus pici Fabricius, J. C., 1798; Philopterus pici Fabricius, J. C.; Docophorus scalaris Burmeister, 1838; Docophorus macrotrichus Kolenati, 1858; Penenirmus macrotrichus (Kolenati); Picophilopterus tuktola Ansari, 1947; Penenirmus tuktola (Ansari)
Picus viridis — England, Sweden and Yugoslavia
Picus vaillantii — Morocco
Picus s. squamatus — Pakistan
Picus vittatus — Thailand
Picus vittatus eisenhoferi — Thailand
Picus canus — Thailand
Picus c. canus — Estonia
Picus canus gyldenstolpei — Nepal
Picus canus hessei — Thailand
Picus erythropygius — Thailand
Picus flavinucha — Thailand
Picus flavinucha archon — Thailand
Picus flavinucha lylei — Thailand
Picus flavinucha pierrei — Thailand
Picus chlorolophus laotianus — Thailand
Dinopium b. benghalense — India
Dinopium b. punticolle — India
Dinopium javanense — Philippine Islands and Thailand
Dinopium j. javanense — Thailand
Dinopium j. intermedium — Thailand
Gecinulus grantia grantia — Thailand
Gecinulus grantia viridanus — Burma
Mulleripicus pulverulentus harterti — Thailand
Mulleripicus p. pulverulentus — Thailand
Dryocopus javensis feddeni — Thailand
Blythipicus p. pyrrhotis — Nepal
Chrysocolaptes lucidus guttacristatus — Thailand

Penenirmus serrilimbus (Burmeister, 1838) Dalgleish, R. C., 1972 a, 83, 85, 87-88, 103, fig. 9
neotype established, key
Syns.: Docophorus serrilimbus Burmeister, 1838; Philopterus serrilimbus Nitzsch; Penenirmus serrilimbus serrilimbus (Burmeister)
Jynx torquilla — Thailand and Spain
Jynx torquilla torquilla — England, India and Pakistan

Penenirmus serrilimbus asyndesmus Emerson and Johnson, 1961 Dalgleish, R. C., 1972 a, 91
as syn. of Penenirmus auritus (Scopoli, 1763)

Penenirmus serrilimbus aurifrons Carriker Dalgleish, R. C., 1972 a, 91
as syn. of Penenirmus auritus (Scopoli, 1763)

Penenirmus serrilimbus fiebrigi Eichler Dalgleish, R. C., 1972 a, 90
as syn. of Penenirmus auritus (Scopoli, 1763)

Penenirmus serrilimbus pileatus Emerson and Johnson, 1961 Dalgleish, R. C., 1972 a, 91
as syn. of Penenirmus auritus (Scopoli, 1763)

Penenirmus serrilimbus serrilimbus (Burmeister) Dalgleish, R. C., 1972 a, 87
as syn. of Penenirmus serrilimbus (Burmeister, 1838)

Penenirmus silesiacus Zlotorzycka, 1964 Dalgleish, R. C., 1972 a, 91
as syn. of Penenirmus auritus (Scopoli, 1763)

Penenirmus superciliosus (Burmeister) Dalgleish, R. C., 1972 a, 88
as syn. of Penenirmus auritus (Scopoli, 1763)

Penenirmus tuktola (Ansari) Dalgleish, R. C., 1972 a, 98
as syn. of Penenirmus pici (Fabricius, 1798)

Penenirmus varius Emerson, 1953 Dalgleish, R. C., 1972 a, 89
as syn. of Penenirmus auritus (Scopoli, 1763)

Penenirmus villosus Emerson and Johnson, 1961 Dalgleish, R. C., 1972 a, 100
as syn. of Penenirmus jungens (Kellogg, 1896)

Penicillidia (Penicillidia) conspicua Speiser, 1901 Hürka, K., 1970 b
Miniopterus schreibersi — Arles, S.-Frankreich; Mallorca
Myotis myotis — Arles, S.-Frankreich
Rhinolophus euryale — Korsika, Ponte Leccia

Penicillidia dufourii Westwood, 1835 Vanschuytbroeck, P., 1968 a, 24

Penicillidia (Penicillidia) dufourii dufourii (Westwood, 1835) Hürka, K., 1970 b
Miniopterus schreibersi — Mallorca; Arles, S.-Frankreich
Myotis myotis — Arles, S.-Frankreich
Rhinolophus euryale meridionalis x Myotis blythi oxygnathus — Tunis
Myotis blythi oxygnathus — Mallorca
Myotis capaccinii — "
Eptesicus serotinus — "
Myotis myotis or M. blythi oxygnathus — Korsika, Bonifacio
Fledermäusen — Pyrenäen

Penicillidia (Penicillidia) dufourii tainani Karaman, 1939 Hürka, K., 1970 b
Myotis subpilosa (= M. ricketti) — Tschifu, Schantung, China

Penicillidia fulvida Bigot, 1885 Vanschuytbroeck, P., 1968 a, 23
Congo: Grottes de Mwela-Pande (Tenke)

Penicillidia jenynsi Westwood, 1835 Vanschuytbroeck, P., 1968 a, 24
Formose

Penicillidia (Penicillidia) monoceros Hürka, K., 1970 b

Penicillidia pachymela Speiser, 1901 — Vanschuytbroeck, P., 1968 a, 23
Shinkolobwe er Mulungwishi (Katanga)

Penicillidia (Eremoctenia) progressa (Scott, 1917) +Miniopterus schreibersi — Hürka, K., 1970 b
Amboina

Peniculisa
Lernaeoceridae, key — Kabata, Z., 1972 a

Peniculus
Lernaeoceridae, key — Kabata, Z., 1972 a

Pennella
Lernaeoceridae, key — Kabata, Z., 1972 a

Pentastomida
ecology, tropic virgin forest, savannas and steppes — von Haffner, K., 1973 a
Africa

Pentastomida
human lungs, clinical aspects, diagnosis — Paz Espeso, F.; et al., 1969 a

Pentastomida
wild mammals, review — Sweatman, G. K., 1971 a, figs.

Pentastomida [sp.]
Phacochoerus aethiopicus (surface diaphragme, surface foie, parenchyme hépatique, rate, péritoine, coeur, mésentère, parenchyme splénique, cavité abdominale)
Potamochoerus porcus (foie, mésentère)
Hylochoerus meinertzageni (surface du foie) — Troncy, P. M.; Graber, M.; and Thal, J., 1972 a
all from Central Africa

Pentidionis Vercammen-Grandjean and Loomis, 1967
subgen. of Hexidionis, evolution, zoogeography — Vercammen-Grandjean, P. H. 1971 d

Perates anophthalma (Hoffmann) n. comb.
Desmodus rotundus murinus — Loomis, R. B., 1969 a
Yucatan Peninsula, Mexico

Pergamasus sp.
Lemmus lemmus
Clethrionomys rutilus
C. rufocanus
Microtus agrestis — Edler, A.; and Mehl, R., 1972 a
all from Norway

Pergamasus sp.
Microtus nivalis — Mahnert, V., 1971 a
the Tirol, Austria

Pergamasus decipiens Berlese
Sorex araneus — Pinchuk, L. M., 1968 a
Moldavia

Periglischrodes
Spinturnicidae, key — Pan, Z.-W.; and Teng, K.-F., 1973 a

Periglischrus
Spinturnicidae, key — Pan, Z.-W.; and Teng, K.-F., 1973 a

Periglischrus caligus Kolenati, 1857
Glossophaga sp. (wing membranes) — Kingston, N.; Villa R., B.; and Lopez-Forment, W., 1971 a
Mexico

Periglischrus iheringi Oudemans, 1902
Artibeus jamaicensis — Dusbábek, F., 1970 a
El Beral, Tabajo and Baracoa, Cuba

Periglischrus iheringi Oudemans, 1902
Artibeus jamacensis tyrcmilus
Molossus ater
Sturnira lilium
Desmodus rotundus murinus
(wing membranes of all) — Kingston, N.; Villa R., B.; and Lopez-Forment, W., 1971 a
Mexico, all from

Periglischrus vargasi Hoffman, 1944
Leptonycteris yerbabuenae
Macrotus waterhousii mexicanus
(wing membranes of all) — Kingston, N.; Villa R., B.; and Lopez-Forment, W., 1971 a
all from Mexico

Periproctia Stock 1967
differential diagnosis — Ooishi, S.; and Illg, P. L., 1973 a, 229

Perissopalla [sp.] nr. barticonycteris Brennan, 1969
Desmodus rotundus — Brennan, J. M., 1970 e
Bolivia

Perissopalla [sp.] nr. tanycera Brennan, 1969
Peropteryx macrotis
Saccopteryx bilineata — Brennan, J.M., 1970 e
Bolivia
Brazil

Perissopalla barticonycteris Brennan, 1969
Carollia perspicillata — Brennan, J. M.: and Lukoschus, F. S., 1971 a
Surinam

Perissopalla ipeani Brennan, 1969
Carollia perspicillata — Brennan, J. M.; and Lukoschus, F. S., 1971 a
Surinam

Perissopalla lipoglena (Brennan and Jones) n. comb.
Mormoops megalophylla megalophylla — Loomis, R. B., 1969 a
Yucatan Peninsula, Mexico

Perissopalla precaria (Brennan and Dalmat)
Glossophaga soricina leachii — Loomis, R. B., 1969 a
Yucatan Peninsula, Mexico

Perissopus
Syn.: Achtheinus Wilson, 1908 — Cressey, R. F., 1965 a

Perissopus Steenstrup and Lütken, 1861
Pandaridae, key
Syns.: Chlamys Beneden, 1892; Achtheinus Wilson, 1908 — Cressey, R. F., 1967 a, 4, 33-34

Perissopus communis Rathbun, 1887
as syn. of P. dentatus Steenstrup and Lütken, 1861 — Cressey, R. F., 1967 a, 35

Perissopus crenatus Leigh-Sharpe, 1930
as syn. of P. dentatus Steenstrup and Lütken, 1861 — Cressey, R. F., 1967 a, 35

Perissopus dentatus Steenstrup and Lütken, 1861
Syns.: P. communis Rathbun, 1887; Chlamys incisus Beneden, 1892; Perissopus crenatus Leigh-Sharpe, 1930; P. manuelensis Gnanamuthu, 1951; P. travancosiensis Kurian, 1955; P. serratus Heegaard, 1962
Carcharinus milberti — Sarasota, Florida
C. leucas — " "
C. maculipinnis — " "
Mustelus sp. — Durban, South Africa
shark — Siboga Expedition — Cressey, R. F., 1967 a, 35-37, figs. 162-189

Perissopus manuelensis Gnanamuthu, 1951
as syn. of P. dentatus Steenstrup and Lütken, 1861 — Cressey, R. F., 1967 a, 35

Perissopus oblongatus [sic] (Wilson, 1908) [n. comb.?]
Syns.: Achtheinus oblongatus Wilson, 1908; A. dentatus Wilson, 1911; A. pinguis Wilson, 1912; A. japonicus Wilson, 1922; A. parvideus Wilson, 1923; A. intermedius Kurtz, 1924; A. galeorhini Yamaguti, 1936; A. platensis Thomsen, 1949; A. chinesis Thomsen, 1949; A. impenderus Shen and Wang, 1958 — Cressey, R. F., 1967 a, 34-35

Perissopus serratus Heegaard, 1962
as syn. of P. dentatus Steenstrup and Lütken, 1861 — Cressey, R. F., 1967 a, 35

Perissopus travancosiensis Kurian,1955
as syn. of Perissopus dentatus Steenstrup and Lütken, 1861
Cressey, R. F., 1967 a, 35

Peristerophila new genus
Syringophilidae, key
Kethley, J. B., 1970 a, 1, 3, 16, 53, 56
tod: P. columba (Hirst) new comb.

Peristerophila columba (Hirst) new comb. (tod)
Syn.: Syringophilus columbae Hirst, 1920
Kethley, J. B., 1970 a, 56, fig. 32
Kansas

Peristerophila zenadoura (Clark) new comb.
Syn.: Syringophilus zenadourae Clark, 1964
+Zenaidura macroura
Kethley, J. B., 1970 a, figs.

Peroderma
Lernaeoceridae, key
Kabata, Z., 1972 a

Peromyscopsylla bidentata
infectivity, altitude, seasonal distribution
Sorex alpinus
S. araneus
Microtus nivalis
Clethrionomys glareolus
Microtus agrestis
Mahnert, V., 1972 a
all from Tirol, Austria

Peromyscopsylla bidentata
Sorex araneus
Neomys fodiens
Clethrionomys glareolus
Microtus agrestis
M. arvalis
M. nivalis
Apodemus sylvaticus
Micromys minutus
Rattus norvegicus
Peus, F., 1970 a
all from Germany

Peromyscopsylla catatina (Jordan)
Clethrionomys gapperi
Benton, A. H.; Larson, O. R.; and Van Huizen, B. A., 1971 a
Itasca State Park region, Minnesota

Peromyscopsylla catatina (Jordan)
Sorex cinereus cinereus
Blarina brevicauda manitobensis
Peromyscus maniculatus bairdii
Buckner, C. H.; and Blasko, G. G., 1969 a
all from Manitoba

Peromyscopsylla catatina (Jordan)
Clethrionomys gapperi
Microtus pennsylvanicus
Pitymys pinetorum
Peromyscus sp.
Blarina brevicauda
Sorex dispar
Holland, G.P.; and Benton, A. H., 1968 a
all from Pennsylvania

Peromyscopsylla catatina (Jordan)
Clethrionomys gapperi
Quackenbush, R. E., 1971 a
Grout Pond, Windham County, Vermont

Peromyscopsylla fallax
infectivity, altitude, seasonal distribution
Pitymys subterraneus
Microtus agrestis
M. nivalis
Clethrionomys glareolus
Apodemus flavicollis
Mahnert, V., 1972 a
all from Tirol, Austria

Peromyscopsylla fallax
Microtus nivalis
Pitymys subterraneus
Clethrionomys glareolus
Peus, F., 1970 a
all from Germany

Peromyscopsylla hamifer hamifer (Rothschild)
Clethrionomys gapperi loringi
Buckner, C. H.; and Blasko, G. G., 1969 a
Manitoba

Peromyscopsylla hamifer hamifer (Rothschild)
Microtus pennsylvanicus
Blarina brevicauda
Holland, G.P.; and Benton, A. H., 1968 a
all from Pennsylvania

Peromyscopsylla hesperomys
Neotoma cinerea
Peromyscus maniculatus
Allred, D. M., 1968 a
all from National Reactor Testing Station, Idaho

Peromyscopsylla hesperomys (Baker)
Peromyscus maniculatus
Wyman, R. L.; and Schaefer, K., 1972 a
Texas Co., Oklahoma

Peromyscopsylla hesperomys adelphia
Peromyscus maniculatus
P. truei
Douglas, C. L., 1969 a, 493
all from Mesa Verde National Park, Colorado

Peromyscopsylla h. hesperomys (Baker)
Peromyscus leucopus
P. maniculatus
Mus musculus
Clethrionomys gapperi
Neotoma magister
Sorex cinereus
S. fumeus
Holland, G.P.; and Benton, A. H., 1968 a
all from Pennsylvania

Peromyscopsylla ostsibirica longiloba (Jord.)
Microtus oeconomus
Lemmus sibiricus
Rausch, R. L.; Humtley, B.E.; and Bridgens, J. G., 1969 a
all from Alaska

Peromyscopsylla scotti Fox
Peromyscus leucopus
Schiefer, B. A.; and Lancaster, J. L. (jr.), 1970 a
Arkansas

Peromyscopsylla scotti
Cryptotis parva
Whitaker, J. O. (jr.); and Mumford, R. E., 1972 a
Indiana

Peromyscopsylla silvatica
Sorex araneus
Neomys fodiens
Clethrionomys glareolus
Microtus agrestis
M. arvalis
M. oeconomus
Arvicola terrestris
Pitymys subterraneus
Apodemus flavicollis
A. sylvaticus
Peus, F., 1970 a
all from Germany

Peromyscopsylla spectabilis (Rothschild)
Microtus agrestis
Clethrionomys glareolus
Roberts, C. J., 1972 a
Lancashire, Cheshire, Gloucestershire, Isle of Mull, Great Britain
Lancashire, Great Britain

Phacogalia Mjöberg, 1919
key to species
Boopiidae, key, description
von Kéler, S., 1971 a, 39

Phacogalia brevispinosa Harrison & Johnston, 1916
key, description
Syns.: Heterodoxus brevispinosa Harrison & Johnston, 1916; Boopia brevispinosa, Hopkins and Clay
von Kéler, S., 1971 a, 39-41, figs.

Antechinus stuartii — New South Wales
A. bellus — North Territory (Australia)
A. flavipes — Queensland
A. minimus — Tasmania
A. swainsonii — Victoria

Phacogalia spinosa Harrison & Johnston — von Kéler, S., 1971 a, 42, figs.
Syn.: Boopia spinosa Harrison & Johnston, 1916
key
Phascogale tapoatafa — Western Australia and Buxton, Victoria

Phaenicia sericata — Horen, W. P., 1967 a
human myiasis, gangrenous toes, case report — California

Phalacrodectes whartoni Fain, 1967 — Pence, D. B., 1971 b
Eudocimus albus (under skin of breast) — Laplace, Louisiana

Phalacrodectes whartoni Fain, 1967 — Pence, D. B., 1972 h
Eudocimus albus — Louisiana

Phalacropsylla allos — Allred, D. M., 1968 a
Neotoma cinerea — all from National Reactor
Onychomys leucogaster — Testing Station, Idaho

Phalacropsylla allos — Douglas, C. L., 1969 a, 493
Peromyscus truei — Mesa Verde National Park, Colorado

Phalacropsylla paradisea — Allred, D. M. 1968 a
Peromyscus maniculatus — National Reactor Testing Station, Idaho

Pharyngobolus africanus Brauer, 1866 — Zumpt, F.K.E.; and Wetzel,H., 1970 a, fig.
description
+Loxodonta africana

Pharyngomyia picta — Čepelák, J., 1971 a
key

Pharyngomyia picta — Páv, J.; and Zajíček, D., 1971 b
Cervus elaphus — Květov

Philandesia Kellogg and Nakayama 1914 — Emerson, K. C., 1940 c, 340
as syn. of Trimenopon Cummings 1913

Philandesia Kellogg & Nakayama, 1914 — von Kéler, S., 1971 a, 13
Syn.: Philandria Kellogg, 1914
description, key, Trimenoponidae

Philandesia chinchillae Werneck, 1935 — von Kéler, S., 1971 a, fig.
Chinchilla lanigera
Lagidium peruanum

Philandesia mazzai Werneck, 1933 — von Kéler, S., 1971 a
Chinchilla lanigera
Lagidium peruanum

Philandesia townsendi Kellogg and Nakayama 1914 — von Kéler, S., 1971 a, fig.
Lagidium peruanum — South America, all from
L. viscacia
Chinchilla lanigera

Philandria Kellogg, 1914 — von Kéler, S., 1971 a, 13
as syn. of Philandesia Kellogg & Nakayama

Philopterus sp. — Foster, M. S., 1969 b
eggs on museum study skins, description, location, significance for ecological studies
Vermivora celata

Philopterus sp. — Shcherbinina, O. Kh.; and Kurbanova, D. B., 1969 a
[Turdus ruficollis atrogularis] — all from Ashkhabad
[Aves]
[Passer hispaniolensis]
[Passer montanus]
[Galerida cristata]
[Passer domesticus]

Philopterus auritus Scopoli — Dalgleish, R. C., 1972 a, 88
as syn. of Penenirmus auritus (Scopoli, 1763)

Philopterus californiensis Kellogg — Dalgleish, R. C., 1972 a, 88
as syn. of Penenirmus auritus (Scopoli, 1763)

Philopterus corvi L. — Ardalan, A., 1971 a
Corvus corax — Shahdad, Kerman province, Iran

Philopterus corvi (Linnaeus, 1758) — Timmermann, G., 1950 a, 7
Corvus corax islandicus — Reykjavik, Iceland

Philopterus cygni Denny — Hellén, W., 1953 a
Finland

Philopterus diasi n. sp. — Tendeiro, J., 1958 f, 223, 233-234, fig. 10, pl. 6, photo 12
Hirundo smithi smithi — Mozambique

Philopterus excisus Nitzsch 1818 — Tendeiro, J., 1958 f, fig. 11

Philopterus jungens Kellogg — Dalgleish, R. C., 1972 a, 100
as syn. of Penenirmus jungens (Kellogg, 1896)

Philopterus kumagera Uchida, 1949 — Dalgleish, R. C., 1972 a, 99
as syn. of Penenirmus heteroscelis (Nitzsch, 1866)

Philopterus latifrons Nitsch — Ardalan, A., 1971 a
Cuculus canorus — Sirch, Kerman province, Iran

Philopterus maculipes Piaget — Dalgleish, R. C., 1972 a, 102
as syn. of Penenirmus maculipes (Piaget, 1880)

Philopterus merulae (Denny, 1842) — Baum, H., 1968 a, figs. 7a-b
seasonal distribution, Turdus m. merula, ecology

Philopterus ocellatus (Scopoli) — Ardalan, A., 1971 a
Corvus corone — Shahdad, Kerman province, Iran

Philopterus pici Fabricius, J. C. — Dalgleish, R. C., 1972 a, 97
as syn. of Penenirmus pici (Fabricius, 1798)

Philopterus serrilimbus Nitzsch — Dalgleish, R. C., 1972 a, 87
as syn. of Penenirmus serrilimbus (Burmeister, 1838)

Philopterus struthionis Gervais in Walckenaer 1844 — Tendeiro, J., 1958 f, 239
as syn. of Struthiolipeurus struthionis (Gervais)

Philopterus tadornae Gervais, 1844 — Price, R. D., 1971 a
as syn. of Holomenopon tadornae (Gervais), sensu lato

Philorthragoriscus corratus (Krøyer) — O'Riordan, C. E., 1966 a
Mola mola — Ireland: off Achill Is.; Bantry Bay

Philoxanthornea new genus
Syringophilidae, key
Kethley, J. B., 1970 a, 1, 3, 16, 50, 53
tod: P. anoa new sp.

Philoxanthornea anoa
new genus, new sp. (tod)
Ancus tenuirostris
Kethley, J. B., 1970 a, 1, 50, 53, figs. 30-31
Sand Island, Midway Atoll, Pacific Ocean

Phormia azurea Fallen
found in birds nests
Richard, A., 1925 a
forests of Chaumont

Phormia regina
insecticides, screening
Drummond, R. O.; Darrow, D. I.; and Gladney, W. J., 1971 a

Phrixocephalus
Lernaeoceridae, key
Kabata, Z., 1972 a

Phthiropsylla agenoris
(Rothschild)
Dasypus sp.
Canis familiaris
Chaetophractus villosus
Conepatus castaneus proteus
Dolichotis p. patagonum
Dusicyon griseus gracilis
Microcavia a. australis
Zaedius pichy caurinus
Giménez, D.F.; Ciccarelli, C. A.; and de la Barrera, J. M., 1964 a
all from Argentina

Phtirius. See Pthirus.

Phyllodurus robustus n. sp.
Upogebia affinis
(branchial cavity)
Pearse, A. S., [1953 c], 235-237, figs. 131-143
Alligator Harbor, Florida

Phyllophora Milne-Edwards, 1840
as syn. of Phyllothyreus Norman, 1903
Cressey, R. F., 1967 a, 24

Phyllophora cornuta
Milne-Edwards, 1840
as syn. of Phyllothyreus cornutus (Milne-Edwards, 1840)
Cressey, R. F., 1967 a, 25

Phyllothyreus Norman, 1903
Pandaridae, key
Syns.: Phyllophora Milne-Edwards, 1840; Laminifera Poche, 1902
Cressey, R. F., 1967 a, 4, 24-25

Phyllothyreus cornutus
(Milne-Edwards, 1840) Norman, 1903
Syns.: Phyllophora cornuta Milne-Edwards, 1840; Nogagus grandis Steenstrup and Lutken, 1861; Parapandarus nodosus Wilson, 1924; Laminifera doello-juradoi Brian, 1944
Prionace glauca
Cressey, R. F., 1967 a, 25-27, figs. 125-138
Indian Ocean; western North Atlantic

Physconelloides anolaimae
n. sp.
Columba subvinacea anolaimae
Carriker, M. A. (jr.), 1961 d, 518-519, pl. I, fig. 2; pl. II, fig. 4; pl. III, fig. 5
Pavarondocito, Antioquia, Colombia

Physconelloides chocoensis
n. sp.
Geotrygon veraguensis
Carriker, M. A. (jr.), 1961 d 516, 517, pl. I, fig. 1; pl. II, fig. 3; pl. III, fig. 3
Rio Jurubidá, Chocó, Colombia

Physconelloides eurysema
pretiosa n. subsp.
Claravis pretiosa
Carriker, M. A. (jr.), 1961 d, 519, pl. III, figs. 1, 6
Unguía, Chocó, Colombia

Physconelloides montana
n. sp.
Geotrygon m. montana
Carriker, M. A. (jr.), 1961 d 518, pl. I, fig. 3; pl. III, fig. 4
Rio Nuqui, Dept. Chocó, Colombia

Physconelloides perijae
n. sp.
Geotrygon l. linearis
G. frenata bourcieri
G. f. frenata
Carriker, M. A. (jr.), 1961 d 516-519, pl. I, fig. 4; pl. II, figs. 1, 7; pl. III, fig. 2
Monte Elias, Sierra Perijá, Dept. Magdalena, Colombia
Munchique, Colombia
La Pampa, Peru

Physconelloides perijae
magdalenae n. subsp.
Geotrygon linearus infusca
Carriker, M.A. (jr.), 1961 d 517, 518, pl. II, figs. 2, 6
Cerro San Lorenzo, Dept. Magdalena, Colombia

Physconelloides perijae
perijae n. subsp.
Geotrygon l. linearis
G. frenata bourcieri
G. f. frenata
Carriker, M. A. (jr.), 1961 d, 516-519, pl. I, fig. 4; Pl. II, figs. 1,7; pl. III, fig.2
Monte Elias, Sierra Perijá, Dept. Magdalena, Colombia
Munchique, Colombia
La Pampa, Peru

Phytoseiidae gen. sp.
+Dicrostonyx torquatus
vinogradovi (nest)
Beliaev, V. G., 1969 a
Vrangel Island

Phytoseiidae gen. sp.
Mus musculus
Microtus carruthersi
Davydov, G.S.; and Morozova, I.V., 1970 a
all from Tadzhikistan

Phytoseiidae gen. sp.
[Microtus carruthersi]
Davydov, G.S.; and Morozova, I.V., [1971 a]
western Tadzhikistan

Picicnemidocoptes n. g.
Knemidokoptidae, Knemidokoptinae; key
Pence, D. B., 1972 c, 339
tod: P. dryocopae n. sp.

Picicnemidocoptes dryocopae
n. g., n. sp. (tod)
Dryocopus pileatus (neck)
Pence, D. B., 1972 c, 339-342, figs. 1-6
Mandeville, Louisiana

Picobia Haller, 1878
Syringophilidae, key
Kethley, J. B., 1970 a, 16, 64

Picobia sp. (Haller, 1878)
Columba livia
Brown, N. S., 1971 a
Boston

Picobia dryobatis (Fritsch)
new comb.
Syn.: Syringophilus dryobatis Fritsch, 1958
Kethley, J. B., 1970 a, 65

Picobia villosa
Hancock, 1895
as syn. of Torotrogla villosa (Hancock) new comb.
Kethley, J. B., 1970 a

Picobia zumpti (Lawrence)
new comb.
Syn.: Syringophilus zumpti Lawrence, 1959
Kethley, J. B., 1970 a, 65, fig. 37

Picophilopterus pici
caurensis Carriker, 1963
as syn. of Penenirmus auritus (Scopoli, 1763)
Dalgleish, R. C., 1972 a, 91

Picophilopterus pici
rivolii Carriker, 196
as syn. of Penenirmus auritus (Scopoli, 1763)
Dalgleish, R. C., 1972 a, 91

Picophilopterus tuktola
Ansari, 1947
as syn. of Penenirmus pici (Fabricius, 1798)
Dalgleish, R. C., 1972 a, 98

Platycobboldia Townsend, 1934
as syn. of Cobboldia Brauer, 1887
Zumpt, F.K.E.; and Wetzel, H., 1970 a

Platycobboldia loxodontis
Zumpt, 1958
as syn. of Cobboldia loxodontis Brauer
Zumpt, F.K.E.; and Wetzel, H., 1970 a

Platypsyllus castoris Rits. Castor fiber	Bouvier, G., 1964 b Switzerland
Plegadiphilus Bedford, 1939 review of genus; common ancestor with Eucolpocephalum	Ledger, J. A., 1971 b
Plegadiphilus sp. Theristicus caudatus	Ledger, J. A., 1971 b, fig.
Plegadiphilus cayennensis Emerson & Price, 1969 plegadis sp.-group	Ledger, J. A., 1971 b
Plegadiphilus eudocimus Tuff, 1967 plegadis sp.-group	Ledger, J. A., 1971 b, figs.
Plegadiphilus geronticus sp. n. Geronticus eremita	Ledger, J. A., 1971 b, 89, 94-98, figs. 9-13 Damascus, Syria; Aden
Plegadiphilus mamillatus Piaget, 1885 redescription Theristicus caudatus	Ledger, J. A., 1971 b Bolivia
Plegadiphilus plegadis Dubinin, 1938 plegadis sp.-group	Ledger, J. A., 1971 b, figs.
Plegadiphilus threskiornis Bedford, 1939 redescription; threskiornis sp.-group Threskiornis aethiopicus T. melanocephalus T. molucca T. spinicollis Hagedashia hagedash	Ledger, J. A., 1971 b, figs.
Plocopsylla chiris (Jordan) Phyllotis xanthopygus P. darwini vaccarum	Giménez, L.F.; Ciccarelli, C. A.; and de la Barrera, J. M., 1964 a Argentina, all from
Pneumocoptes banksi pathology Citellus beecheyi douglasii (lung)	Lee, D.; and Dutson, V. J., 1971 a Northern California
Pneumolaelaps sp. +Dicrostonyx torquatus vinogradovi (nest)	Beliaev, V. G., 1969 a Vrangel Island
Pneumonyssus [sp.] s. lat. Spermophilus richardsonii	Hilton, D. F. J.; and Mahrt, J. L., 1971 b Alberta
Pneumonyssus [sp.] chimpanzees (upper. (bronchioles)	von Lichtenberg, F.; et al., 1971 b
Pneumonyssus caninum dogs	Bwangamoi, O., 1972 b Uganda
Pneumonyssus caninum hund (nasal cavity, sinuses)	Christensson, D.; and Rehbinder, C., 1971 a, figs. Europe
Pneumonyssus simicola pathology, simians, review	Innes, J. R. M., 1969 a
Pneumonyssus simicola hemagglutination, diagnosis, rhesus monkeys	Kim, C. S.; Bang, F. B.; and DiGiacomo, R. F., 1972 a
Pneumonyssus simicola incidence of pulmonary acariasis, Macaca mulatta	Knezevich, A. L.; and McNulty, W. P. (jr.), 1970 a
Pneumonyssus simicola electron microscopy study of rhesus monkey response	Ogata, T.; Imai, H.; and Coulston, F., 1971 a, figs.
Pneumonyssus simicola Macaca nemestrina (lung nodules)	Stone, W. B.; and Hughes, J. A., 1969 a, figs. Burnet Park Zoo, Syracuse, New York
Pneumonyssus vocalis n. sp. Papio ursinus (laryngeal ventricles)	Coffee, G.M.; and McConnell, E.E., 1971 a, 267-27 , figs. 1-2 Pretoriuskop, Kruger National Park, Transvaal
Pneumonyssus vocalis Coffee and McConnell, 1971 pathology Papio ursinus (laryngeal ventricles)	McConnell, E.E.; Basson, P. A.; and de Vos, V., 1972 a Kruger National Park, Republic of South Africa
Pneumophionyssus jellisoni n. sp. unidentified snake (lungs)	Fain, A.; and Yunker, C. E., 1972 a, 482-484, figs. 1-6 near Azul, Argentina
Poecilochirus necrophori Sorex araneus	Edler, A.; and Mehl, R., 1972 a Norway
Poecilochirus necrophori Apodemus sylvaticus Apodemus sp. Microtus agrestis	Mahnert, V., 1971 a all from the Tirol, Austria
Poecilochirus necrophori Vitzth. Sorex araneus	Pinchuk, L. M., 1968 a Moldavia
Poecilochirus necro	Popov, V. M.; and Igolkin, N. I., 1960 b eastern part, West Siberia
Poecilochirus necrophori Lagurus luteus	Senotrusova, V. N.; and Shubin, I. G., 1969 a Zaisansky Hollow
Polygenis sp. Dusicyon gymnocercus antiquus	Bischoff de Alzuet, A. D., [1971 a] Provincia de Buenos Aires
Polygenis floridanus Johnson and Layne Peromyscus floridanus P. gossypinus	Layne, J. N., 1971 a all from Highlands County, Florida
Polygenis gwyni systemic insecticides Sigmodon hispidus berlandieri	Clark, P. H.; et al., 1971 a
Polygenis gwyni Sigmodon hispidus collection, modified washing technique	Henry, L. G.; and McKeever, S., 1971 a southeastern Georgia
Polygenis gwyni (C. Fox) Didelphis marsupialis	Layne, J. N., 1971 a Alachua, Highlands and Levy Counties, Florida
Oryzomys palustris	Alachua, Indian River and Lee Counties, Florida
Reithrodontomys humulis	Alachua County, Florida
Peromyscus floridanus	Alachua, Highlands and Levy Counties, Florida
P. gossypinus	Alachua, Highlands, Indian River, Levy and Lee Counties, Florida
P. polionotus	Alachua County, Florida
Sigmodon hispidus	Alachua, Highlands, Indian River, Lee, Levy, Nassau, Collier and Pinellas Counties, Florida

Polygenis gwyni.—Continued. — Layne, J. N., 1971 a.—Continued.
- Rattus rattus — Highlands County, Florida
- Mustela frenata — Highlands County, Florida
- Neotoma floridana — Monroe County (Key Largo), Indian River County, Florida

Polygenis platensis cisandinus (Jordan) — Giménez, D.F.; Ciccarelli, C. A.; and de la Barrera, J. M., 1964 a
- Ctenomys mendocinus mendocinus — all from Argentina
- Galea musteloides leucoblephara
- Microcavia a. australis
- Phyllotis (Graomys) g. griseoflavus

Polylopadium Brennan and Jones, 1961 — Brennan, J. M., 1969 b, 866
- key to species

Polylopadium (P.) aspasium sp. n. — Brennan, J. M., 1969 b, 866, 867,868, figs. 1,2
- key
- Oryzomys capito — northeastern Brazil

Polylopadium aspasium Brennan, 1969 — Brennan, J. M., 1970 e
- Proechimys sp. — Bolivia

Polylopadium chaetolecanium n. sp. — Brennan, J.M.; and Reed, J. T., 1972 b, 461, 462, 463, figs. 1, 3a
- Proechimys guyannensis — Venezuela, Sucre, 26 km SE
- Heteromys anomalus — Carúpano (Manacal), all from

Polylopadium (Kjellum) chocoensis sp. n. — Brennan, J. M., 1969 b, 866, 869,870, fig. 6
- key — western Colombia
- Hoplomys gymnurus

Polylopadium (P.) comptum sp. n. — Brennan, J. M., 1969 b, 866, 867,868, fig. 3
- key — all from western Colombia
- Hoplomys gymnurus
- Proechimys sp.

Polylopadium confirmatum — Brennan, J. M., 1969 b, fig.
- key — Bocas del Toro, Panamá
- Oryzomys caliginosus

Polylopadium (P.) gibberum sp. n. — Brennan, J. M., 1969 b, 866, 867,868,870, fig. 4
- key — western Colombia
- Proechimys sp.

Polylopadium kramisi — Brennan, J. M., 1969 b, fig.
- key
- Liomys adspersus — Canal Zone
- Proechimys semispinosus — " "
- Peromyscus sp. — Chiriquí, Panamá

Polylopadium (P.) musivum sp. n. — Brennan, J. M., 1969 b, 866, 867,870, fig. 5
- key — all from western Colombia
- Proechimys sp.
- Hoplomys gymnurus

Polylopadium tertium — Brennan, J. M., 1969 b, fig.
- key — Pichindé valley, Colombia
- Heteromys australis

Polylopadium tricholecanium n. sp. — Brennan, J. M.; and Reed, J. T., 1972 b, 461, 462, 463, figs. 2, 3b
- Proechimys sp. — Venezuela, Falcón, Mirimire

Polyplax sp. — Allred, D. M., 1970 d
- Microtus montanus — near Idaho Falls, Idaho

Polyplax sp. — Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a
- Mastomys natalensis — East cantonments, Achimota, Korle-Bu, South Ghana

Polyplax sp. — Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a
- Arvicanthis niloticus — South Ghana

Polyplax sp. — Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a
- Rattus rattus — Tema periphery, South Ghana

Polyplax acomydis new species — Kim, K. C.; and Emerson, K. C., 1970 a, 384, 396-399, figs. 17-25
- Acomys spinosissimus — all from Mozambique
- Crocidura luna
- Mastomys natalensis
- Grammomys dolichurus

Polyplax alaskensis Ewing, 1927 — Emerson, K. C., 1971 c
- Microtus mexicanus subsimus — Nuevo Leon, Mexico
- Microtus mexicanus fulviventer — Oaxaca, Mexico
- Microtus mexicanus mexicanus — Morelos, Mexico
- Microtus mexicanus phaeus — Jalisco, Mexico

Polyplax arvicanthis Bedford — Kim, K. C.; and Emerson, K. C., 1970 a, 400, figs.
- Lemniscomys striatus — Kenya
- Myomys sp. — Mozambique
- Rhabdomys pumilio — South Africa
- Lictomys — " "

Polyplax asiatica Ferris — Kaneko, K., 1972 a, fig.
- Nesokia indica — Iran

Polyplax auricularis — Allred, D. M., 1970 d
- Sceloporus graciosus — all from near Idaho Falls, Idaho
- Ereunetes mauri
- Dipodomys ordii
- Eutamias minimus
- Neotoma cinerea
- Perognathus parvus
- Peromyscus maniculatus
- Spermophilus townsendii
- Sylvilagus nuttallii

Polyplax auricularis ectoparasite consortism, mammals — Allred, D. M., 1971 a
- National Reactor Testing Station, Idaho

Polyplax auricularis K. and F. — Elzinga, R. J.; and Rees, D. M., 1964 b
- ecology, infestation rates compared, deer and harvest mice

Polyplax auricularis Kellogg and Ferris, 1915 — Emerson, K. C., 1971 c
- Peromyscus sp. — Durango, Mexico
- Peromyscus difficilus difficilus — Durango, Mexico
- Peromyscus hylocetes — Jalisco, Mexico
- Peromyscus maniculatus blandus — Nuevo Leon, Mexico
- Peromyscus maniculatus subsp. — Durango, Mexico
- Peromyscus melanotis — Jalisco, Mexico
- Peromyscus zarhynchus — Chiapas, Mexico

Polyplax auricularis Kellogg and Ferris — Johnson, P. T., 1972 g
- Reithrodontomys creper — Province of Chiriqui, Panama

Polyplax auricularis Kellogg & Ferris — Spencer, G. J., 1966 a
- Peromyscus maniculatus borealis — all from British Columbia
- P. maniculatus oreas

Polyplax biseriata Ferris, 1923
Tatera leucogaster
Mastomys natalensis
Aethomys chrysophilus
Mus triton
— Kim, K. C.; and Emerson, K. C., 1970 a, 400, 401, 402-403, figs.
all from Mozambique

Polyplax blanfordi sp. n.
Rattus (Rattus) blanfordi
— Mishra, A. C.; and Dhanda, V., 1972 a, 393,396-399, figs. 10-18
Maharashtra State (Peninsular India)

Polyplax cannomydis Johnson compared with P. rhizomydis n. sp.
— Johnson, P. T., 1972 b, figs.

Polyplax cummingsi Ferris
Dasymys incomptus
Aethomys chrysophilus
Mus triton
— Kim, K. C.; and Emerson, K. C., 1970 a, 403
all from Mozambique

Polyplax grammomydis Werneck
Grammomys dolichurus
— Kim, K. C.; and Emerson, K. C., 1970 a, 403-404, fig.
Inhaca Island, Mozambique

Polyplax jonesi Kellogg and Ferris, 1915
Saccostomus campestris
— Kim, K. C.; and Emerson, K. C., 1970 a, 404-405, fig.
Mozambique

Polyplax kaiseri Johnson
Steatomys sp.
— Kim, K. C.; and Emerson, K. C., 1970 a, 406
Mozambique

Polyplax otomydis Cummings, 1912
Otomys angoniensis
— Kim, K. C.; and Emerson, K. C., 1970 a, 406
Mozambique

Polyplax paradoxa Johnson
description, male genitalia
Meriones tristrami
— Kaneko, K., 1972 a, figs.
west of Teheran, Iran

Polyplax paradoxa Johnson
Pelomys fallax
— Kim, K. C.; and Emerson, K. C., 1970 a, 407-408, figs.
Mozambique

Polyplax rhizomydis n. sp.
Rhizomys sumatrensis
Rattus niviventer ("field identification was hamster, a designation that fits Rhizomys better than Rattus niviventer. It seems likely that a mixup in collection numbers occurred.")
— Johnson, P. T., 1972 b, 393-397, figs. 1-3, 5, 8-9
18km NW Xieng Khouang, Laos
Ba Na Khouang, 30 km S Plaine des Jarres, Laos

Polyplax spinulosa
Rattus norvegicus
— Carter, R.; and Lee, C. M., 1971 a
Model Cities area, Washington, D. C.

Polyplax serrata
mouse skin, inflammatory reaction, sequence of changes
— Nelson, W. A.; Clifford, C. M.; Bell, J. F.; and Hestekin, B., 1972 a

Polyplax serrata
Peromyscus maniculatis
— Ulrich, M. G.; and Vaughn, C. M., 1963 a

Polyplax spinulosa
Microtus montanus
— Allred, D. M., 1970 d
near Idaho Falls, Idaho

Polyplax spinulosa
Rattus rattus
— Kim, K. C.; and Emerson, K. C., 1970 a, 408
Mozambique

Polyplax spinulosa (Burmeister)
Microtus oregoni serpens
Rattus norvegicus
R. rattus rattus
Rattus sp.
— Spencer, G. J., 1966 a
all from British Columbia

Polyplax spinulosa (Burmeister), 1839
Rattus norvegicus
— Voicu, M., 1968 a
Roumania

Polyplax taterae Ferris
Syns.: Eremophthirus taterae, Fahrenholz, 1938; Polyplax taterae mombassae Werneck, 1940
Tatera leucogaster
T. böhmi
— Kim, K. C.; and Emerson, K. C., 1970 a, 408-410, figs.
all from Mozambique

Polyplax taterae mombassae Werneck, 1940
as syn. of Polyplax taterae Ferris
— Kim, K. C.; and Emerson, K. C., 1970 a, 408

Pontoeciella gen. nov.
Ascomyzontidae; Pontoeciellinae subfam. n.
— Giesbrecht, W., 1895 b, 186
mt: P. abyssicola Th. Scott [n. comb.]

Pontoeciella abyssicola Th. Scott [n. comb.] (mt)
Syn.: Artotrogus abyssicolus Th. Scott
— Giesbrecht, W., 1895 b, 186
Naples

Pontoeciellinae n. subfam.
Ascomyzontidae
— Giesbrecht, W., 1895 b, 186

Porocephalus [sp.]
Peromyscus gossypinus
— Deakins, D. E., 1971 a
Blackbeard Island National Wildlife Refuge, McIntosh County, Georgia

Porocephalus armillatus
human infection, clinical aspects, epidemiology, consumption of snakes, contaminated water or vegetables
— Cowper, S. G., 1967 a
Nigeria

Porocephalus armillatus
child (eye)
— Reid, A. M.; and Ellis-Jones, D. W., 1963 a, figs.

Porocephalus clavatus
Saimiri sciureus (brain)
— Fox, J. G.; Diaz, J. R.; and Barth, R. A., 1972 a, fig.

Porocephalus clavatus
Saguinus fuscicollis
S. illigeri
S. mystax
Callithrix jacchus
— Porter, J. A. (jr.), 1972 a

Porocephalus crotali
Micrurus fulvius
Ancistrodon contortrix
A. piscivorus
— Deakins, D. E., 1971 a
Florida
Iowa
Illinois

Porocephalus crotali
Agkistrodon p. piscivorus
Crotalus adamanteus
Mus musculus
Sigmodon hispidus
Oryzomys palustris
— Forrester, D. J.; Shealy, R. M.; and Best, S. H., 1970 a
all from South Carolina

Porocephalus subulifer (Leuckart 1860) Sambon 1922
Causus rhombeatus
Thelotornis kirtlandi
Psammophis sibilans
Mehelya sp.
— von Haffner, K., 1973 a
all from Liberia

Porribius gen. nov.
— Jordan, K., 1946 b, 208-210
tod: P. caminae (C. Roths., 1903)

Porribius bathyllus (M. Roths., 1936) n. comb.
Syn.: P. reductus (female) Roths., 1903 "may be a new subsp."
— Jordan, K., 1946 b

Porribius caminae (C. Roths., 1903) n. comb. (tod)
Syn.: Ischnopsyllus caminae C. Roths., 1903
— Jordan, K., 1946 b

Porribius earinus (M. Roths., 1936) n. comb. — Jordan, K., 1946 b

Porribius pacificus sp. nov. — Jordan, K., 1946 b, 209-210, figs. 1-5
Chalinolobus morio native bat — Pelorus Islands Masterson, N. Zealand

Porribius reductus (C. Roths., 1903) n. comb. — Jordan, K., 1946 b

Porribius reductus (female) Roths., 1903 — Jordan, K., 1946 b
as syn. of P. bathyllus (M.Roths., 1936), "may be a new subsp."

Pottocola gen. nov — Fain, A., 1971 a, 2
Pyroglyphidae; Dermatophagoidinae — tod: P. scutata n. sp.

Pottocola scutata spec. nov. (tod) — Fain, A., 1971 a, 2, 3, 4, figs. 1-2
Perodicticus potto (peau) — Mutwanga, Kivu, République Démocratique du Congo

Pricebeeria nov. subg. subgen. of Neocolpocephalum — Eichler, W.; and Złotorzycka, J., 1971 a, 20-21
type of subg.: Neocolpocephalum (P.) eugenii (Eichl. & Złot., 1963)

Procellariphaga daptionis Eichler, 1949 — Price, R. D.; and Clay, T., 1972 a, 494
as syn. of Austromenopon brevifimbriatum (Piaget)

Procnemidocoptes Fain, 1966 — Pence, D. B., 1972 c
Knemidokoptinae, key

Proctolaelaps sp. — Beliaev, V. G., 1969 a
+Lemmus s. sibiricus (nest) — all from Vrangel Island
+Dicrostonyx torquatus vinogradovi (nest)

Proctolaelaps sp. — Davydov, G.S.; and Morozova, I.V., 1970 a
Rattus turkestanicus — all from Tadzhikistan
Mus musculus
Ellobius talpinus
Meriones erythrourus

Proctolaelaps (P.) hypudaei — Mead Briggs, A. R.; and Hughes, A. M., 1966 a
Oryctolagus cuniculus — Great Britain

Proctolaelaps pygmaeus — Edler, A.; and Mehl, R., 1972 a
Sorex araneus — all from Norway
Mus musculus

Proctolaelaps pygmaeus — Mahnert, V., 1971 a
Microtus nivalis — the Tirol, Austria

Proctophyllodes sp. — Shcherbinina, O. Kh.; and Kurbanova, D. B., 1969 a
[Streptopelia turtur] [Turdus ruficollis atrogularis] — all from Ashkhabad

Proctophyllodes (Alloptes) aviculocaulis Trouessart, 1886 — Park, C. K.; and Atyeo, W. T., 1971 b, 223
as syn. of Rhamphocaulus aviculocaulis (Trouessart)

Proctophyllodes fenestralis Poppe, 1888 — Park, C. K.; and Atyeo, W.T., 1972 a
as syn. of Schizodectes fenestralis (Trouessart, 1885) n. comb.

Proctophyllodes (P.) fenestralis Trouessart, 1885 — Park, C. K.; and Atyeo, W.T., 1972 a
as syn. of Schizodectes fenestralis (Trouessart, 1885) n. comb.

Proctophyllodes orientalis — Lalitha, C. M.; and Alwar, V. S., 1973 a
Passer domesticus domesticus — Madras

Proctophyllodes stylifer Buchholz, 1869 — Shumilo, R. P.; and Loĭanich, A. A., 1968 a, figs.
description — all from Moldavia
Parus caeruleus
P. major
Panurus biarmicus

Proctophyllodidae sp. — Uchikawa, K., 1970 a
Nagano Prefecture

Proechinophthirius fluctus Ferris 1916 — Kim, K.-C., 1971 a, figs.
Callorhinus ursinus — Pribilof Islands, Alaska

Proechinophthirus fluctus (Ferris) — Kim, K. C., 1972 b
population density and structure, transmission, localization — St. Paul Island, Pribilof Islands, Alaska
Callorhinus ursinus

Proechinophthirius fluctus (Ferris) — Miller, F. H. (jr.), 1971 b, figs.
scanning electron microscopy, antennal structures

Proechinophthirius fluctus (Ferris) — Spencer, G. J., 1966 a
Callorhinus ursinus cyanocephalus — British Columbia

Profrontia subg. n. — Ioff, I. G., 1949 a, 61
subgenus of Frontopsylla — tod: F. protera W.

Prolinognathus sp. near leptocephalus (Ehrenberg) — Kim, K. C.; and Emerson, K. C., 1970 a, 412
Procavia capensis — Mozambique

Prolistrophorus g. n. — Fain, A., 1970 c, 279-280
Listrophoridae — tod: Listrophorus argentinus Hirst, 1921

Prolistrophorus amazonicus sp. n. — Fain, A., 1970 c, 281
Oryzomys capito laticeps — Chapata, Brésil

Prolistrophorus cryptophallus sp. n. — Fain, A., 1970 c, 281
Kannabateomys amblyonyx — Joinville, Brésil

Prolistrophorus ctenomys sp. n. — Fain, A., 1970 c, 281
Ctenomys talarum antonii — Buenos-Ayres, Argentine

Prolistrophorus hirsti sp. n. — Fain, A., 1970 c, 280
Scapteromys tomentosus — Argentine

Prolistrophorus nectomys sp. n. — Fain, A., 1970 c, 280-281
Nectomys squamipes — Chirimoto, Nord Pérou

Prolistrophorus paraguayensis sp. n. — Fain, A., 1970 c, 280
Oryzomys ratticeps — Paraguay

Prosarcoptes Lavoipierre, 1960 — Lavoipierre, M. M. J., 1970 a, 379
Syn.: Cosarcoptes Fain, 1968

Prosarcoptes faini n. sp. — Lavoipierre, M. M. J., 1970 a, 376,377,378,380, figs. 3,6,7
Papio ursinus — San Diego Zoo

Prosarcoptes pitheci of Kutzer and Grünberg, 1967 nec Philippe, 1948 — Lavoipierre, M. M. J., 1970 a
as syn. of Kutzerocoptes grunbergi n. g., n. sp.

Prosarcoptes scanloni Smiley, 1965 — Lavoipierre, M. M. J., 1970 a, fig. 4,5

Protocalliphora sp.
Butec jamaicensis
Buckner, C.H.; and Cole, T.V., 1971 a
Bird's Hill Provincial Park, near Winnipeg, Manitoba

Protocalliphora [sp.]
Passer montanus
Charvoz, P., 1955 a
Commugny, Switzerland

Protocalliphora avium
Motacilla alba
Sermet, E., 1955 a
Carrelettes près de Grandson

Protocalliphora nuortevai sp. n.
Turdus iliacus (nest)
Calcarius lapponicus (nest)
Phylloscopus trochilus "
Grunin, K. Ia., 1972 a, 156-158, figs. 1-2
subalpine region, Kilpisjärvi
Utsjoki, Karigasnjarga
" "

Protomyobia claparedei
Sorex alpinus
Mahnert, V., 1971 a
the Tirol, Austria

Protomyobia claparedei (Poppe)
Blarina brevicauda
Microtus pennsylvanicus
Manischewitz, J. R., 1966 a
all from New Jersey

Protomyobia claparedei (Poppe)
Sorex araneus
Pinchuk, L. M., 1968 a
Moldavia

Protomyobia claparedei
Blarina brevicauda
Cryptotis parva
Sorex cinereus
Whitaker, J. O. (jr.); and Mumford, R. E., 1972 a
all from Indiana

Protomyobia claparedei
Sorex palustris
Whitaker, J. O. (jr.); and Schmeltz, L. L., 1973 a
St. Louis County, Minnesota

Przhevalskiana Grunin
key; key to third stage larvae
Syn.: Crivellia Grunin
Wetzel, H., 1972 a

Przhevalskiana aegagri (Brauer)
black goats
Cwilich, R.; and Shimshoni, A., 1965 b, figs.
Western Galilee

Przhevalskiana aegagri Brauer, 1863
description of egg and pupa
goats
Le Riche, P.D.; Jorgensen, R.J.; Campbell, J.B.; and Efstathiou, G. C., 1973 a, figs.
Cyprus

Przhevalskiana aegagri (Brauer, 1863)
comparison of latter stage larvae antigens with Hypoderma bovis and Gasterophilus intestinalis
Rault, B.; Hadani, A.; and Rosin, G., 1971 a

Przhevalskiana aegagri (Brauer)
as syn. of P. silenus (Brauer)
Wetzel, H., 1972 a

Przhevalskiana aenigmatica Gr.
+Gazella gutturosa
Dorzh, T., 1966 c
Mongolian Peoples Republic

Przhevalskiana aenigmatica Gr.
key
Wetzel, H., 1972 a

Przhevalskiana corinnae (Crivelli)
key
Syn.: Crivellia corinnae (Crivelli)
Wetzel, H., 1972 a

Przhevalskiana crossii (Patton)
as syn. of P. silenus (Brauer)
Wetzel, H., 1972 a

Przhevalskiana orongonis Grunin
key
Wetzel, H., 1972 a

Przhevalskiana silenus (Brauer)
key
Syns.: Crivellia silenus (Brauer); P. crossii (Patton); P. aegagri (Brauer)
Wetzel, H., 1972 a, figs.

Psammotettix striatus (Linn.)
Pteropus
Sharma, B. D., 1973 a
Poonch (J & K), India

Pseudanthessius comanthi n. sp.
Comanthus bennetti
Humes, A. G., 1972 a, 373-380, figs. 1-4
Rigili (Leroy) Island, and west of Parry (Elmer) Island, Eniwetok Atoll, Marshall Islands

Pseudamuretes chaetodontis Yamaguti, 1936
Chaetodontoplus personifer (gills)
Kabata, Z., 1965 e, fig.
Queensland, Australia

Pseudamuretes fortipedis sp. nov.
Chaetodontoplus conspicillatus (gills)
Kabata, Z., 1965 e, 26-29, 30, 31, fig. 4 a-c, e-i
Queensland, Australia

Pseudione novaeguineensis n. sp.
Clibanarius sp. aff. longitarsus (gill chamber)
Danforth, C. G., [1972 a], 99-102, figs. 1B-G
near Maiwara, New Guinea

Pseudocaligus parvus (Bassett-Smith)
redescription
Pillai, N.K., 1971 b, figs.

Pseudocharopinus dentatus (Wilson 1912)
structure, attachment organ
Kabata, Z.; and Cousens, B., 1972 a, fig.

Pseudochondracanthus elongatus n. sp.
Spheroides spengleri (gills)
Pearse, A. S., [1953 c], 222-223, figs. 93-96
Alligator Harbor, Florida

Pseudolfersia sp., Chávez & Guerrero (1960)
as syn. of Olfersia sp. Dale, 1969
Dale, W. E. A., 1969 a, 47

Pseudolfersia sp., Chávez & Zaldivar (1967)
as syn. of Olfersia sp. Dale, 1969
Dale, W. E. A., 1969 a, 47

Pseudolfersia sp., Vásquez (1960)
as syn. of Olfersia sp. Dale, 1969
Dale, W. E. A., 1969 a, 47

Pseudolfersia sp., Vásquez & Chávez (1960)
as syn. of Olfersia sp. Dale, 1969
Dale, W. E. A., 1969 a, 47

Pseudolfersia vulturis (Wulp, 1903) Murphy (1925)
as syn. of Olfersia vulturis Wulp
Dale, W. E. A., 1969 a, 48

Pseudolynchia Bequaert, 1926
Hippoboscidae, key
Dale, W. E. A., 1969 a, 43,48

Pseudolynchia Bequaert, 1926
Syn.: Lynchia Speiser, 1902 nec Weyenberg, 1881
Vanschuytbroeck, P., 1968 a, 12

Pseudolynchia canariensis (Macquart, 1839)
Columba livia
Brown, N. S., 1971 a
Boston

Pseudolynchia canariensis (Macquart)
Dale, W. E. A., 1969 a, 48-49
Syns.: Olfersia testacea Macquart, 1843; O. rufipes Macquart, 1847; O. falcinelli Rondani, 1879
Columba livia domestica (rabadilla, bajo las alas)
Lima

Pseudolynchia canariensis (Macq.)
Habib, A.; El-Kady, E. A.; and Risk, G. N., 1970 a
Egypt

Pseudolynchia canariensis Macquart, 1840
synonymy
Vanschuytbroeck, P., 1968 a, 12
Congo; Morea

Pseudomenopon tridens
Podiceps cristatus
Burgisser, H., 1952 a
Sempach, Switzerland

Pseudomenopon tridens (Burmeister, 1838)
Phalacrocorax pygmaeus
Colymbus ruficollis capensis
C. caspicus
C. cristatus
Shcherbinina, O. Kh., 1969 a
Turkmenia, all from

Pseudomyicola glabra Pearse
Ostrea virginica
Pearse, A. S., [1953 c]
Alligator Harbor, Florida

Pseudopandarus Kirtesinghe, 1950
Pandaridae, key
key to species, includes: P. gracilis; P. longus
Cressey, R. F., 1967 a, 4, 29-30

Pseudopandarus gracilis Kirtesinghe, 1950
key
Syn.: Pseudopandarus scylli Yamaguti and Yamasu, 1959
Scoliodon palasorrah
Cressey, R. F., 1967 a, 30-31, figs. 147-150
Nosy Bé, Madagascar

Pseudopandarus longus (Gnanamuthu, 1951) [n. comb.]
Syn.: Pandarus longus Gnanamuthu, 1951
Carcharinus obesus
Rhizoprionodon acutus
Cressey, R. F., 1967 a, 30, 31-32, figs. 151-161
all from Durban, South Africa

Pseudopandarus scylli Yamaguti and Yamasu, 1959
as syn. of P. gracilis Kirtesinghe, 1950
Cressey, R. F., 1967 a, 30

Pseudorbitacolax gen. nov.
Bomolochidae
Pillai, N. K., 1971 a, 13-14
tod: P. varunae (Bennet, 1966) [n. comb.]

Pseudorbitacolax varunae (Bennet, 1966) [n. comb.] (tod)
Syn.: Bomolochus varunae Bennet, 1966
Anodontostoma chaunda (eye balls)
Pillai, N. K., 1971 a, 13, 14-19, figs. 1-2
Arabian seas

Pseudornithomyia Lutz, 1915 (Maa, 1963)
as syn. of Ornithomyia Latreille, 1802
Vanschuytbroeck, P., 1968 a, 5

Pseudoschoengastia audyi Brennan & Jones
Liomys irroratus texensis
Eads, R. B.; Treviño, H. A.; and Campos, E. G., 1965 a
Cameron County, Texas

Pseudoschoengastia (P.) brennani Hoffmann
Peromyscus yucatanicus
Ototylomys p. phyllotis
Loomis, R. B., 1969 a
Yucatan Peninsula, Mexico, all from

Pseudoschoengastia (P.) extrinseca Brennan
Heteromys gaumeri
Ototylomys phyllotis phyllotis
Loomis, R. B., 1969 a
all from Yucatan Peninsula, Mexico

Pseudoschoengastia farneri Lipovsky
Liomys irroratus texensis
Eads, R. B.; Treviño, H. A.; and Campos, E. G., 1965 a
Cameron County, Texas

Pseudoschoengastia (Walchioides) gouldi (Hoffmann)
Ototylomys phyllotis phyllotis
Loomis, R. B., 1969 a
Yucatan Peninsula, Mexico

Pseudoschoengastia myoproctae Fauran, 1960
as syn. of Fauranius myoproctae (Fauran, 1960) n. comb.
Brennan, J. M.; and Lukoschus, F. S., 1971 a

Pseudoschoengastia oopsi Brennan, 1968
"apparently congeneric" with Asoschoengastia dyscrita Brennan and Jones, 1961
Brennan, J. M., 1971 b

Pseudoschoengastia (P.) scitula Brennan and Jones
Ototylomys p. phyllotis
Heteromys gaumeri
Oryzomys melanotis megadon
Peromyscus leucopus castanius
Sigmodon hispidus microdon
Orthogeomys hispidus yucatanensis
Loomis, R. B., 1969 a
Yucatan Peninsula, Mexico, all from

Pseudotracheliastes soldatovi
Hsu, K. T.; Chen; Ho; and Wang, 1966 a, figs.
China

Psorergates "insectivora-group"
comparison of measurements
includes: P. desmanae; P. talpae; P. crocidurae; P. sorici; P. cinereus spec. nov.
Kok, N. J. J.; Lukoschus, F. S.; and Clulow, F. V., 1971 a

Psorergates "dissimilis-group"
comparison of measurements
includes: P. zibethicalis; P. dissimilis; P. micromydis; P. oeconomi; P. auricola; P. canadensis spec. nov.; P. watsoni spec. nov.
Kok, N. J. J.; Lukoschus, F. S.; and Clulow, F. V., 1971 a

Psorergates [sp.] "It is assumed that they were P. cercoptheci Zumpt 1955"
Erythrocebus patas (periorbital and chest lesions)
Raulston, G. L., 1972 a, fig.

Psorergates baueri n. sp.
Neomys fodiens (between tendons of forelegs within upper layers of epidermis)
Lukoschus, F. S.; de Cock, A. W. A. M.; and Driessen, F. M., 1971 a, 185, 190-192, 200, figs. 14-19
St. Michael, Salzburg, Austria

Psorergates canadensis spec. nov.
Microtus pennsylvanicus (epidermis of ear concha)
Kok, N. J. J.; Lukoschus, F. S.; and Clulow, F. V., 1971 a, 1242, 1243, 1244, figs. 16-21
Canada: Sudbury, Ontario; Winnipeg, Manitoba

Psorergates cinereus spec. nov.
Sorex cinereus (epidermis of ear concha, hind legs)
Kok, N. J. J.; Lukoschus, F. S.; and Clulow, F. V., 1971 a, 1239-1241, 1243, figs. 1-15
Canada: Sudbury, Ontario; Winnipeg, Manitoba

Psorergates muscardinus n. sp.
Muscardinus avellanarius (epidermis of ear concha)
Lukoschus, F. S.; de Cock, A. W. A. M.; and Driessen, F. M., 1971 a, 185-190, 199, figs. 1-13
München, Germany

Psorergates neerlandicus n. sp.
Microtus oeconomus (within epidermis on venter of abdomen)
Lukoschus, F. S.; de Cock, A. W. A. M.; and Driessen, F. M., 1971 a, 185, 192-195, 199-200, figs. 20-25
Texel Island, Netherlands

Psorergates ovis
ovina de raza Correidale
Daguerre, H. M.; Egger, A.; and de Piero, R. L. J., 1970 a
Gallegos, Provincia de Santa Cruz

Psorergates ovis
unsuccessful attempts of ewe to lamb transfer
Sinclair, A. N.; and Gibson, A. J. F., 1973 a

Psorergates quercinus n. sp.
Eliomys quercinus (epidermis of ear concha)
Lukoschus, F. S.; de Cock, A. W. A. M.; and Driessen, F. M., 1971 a, 185, 195-199, figs. 26-33
Madrid, Spain

Psorergates simplex
diagnosis, treatment, muridés
Euzeby, J. A., 1970 a, fig.

Psorergates simplex
Mus musculus (skin)
Rak, H., 1972 a
Iran

Psorergates watsoni spec. nov.
Peromyscus maniculatus (epidermis of ear concha)
Kok, N. J. J.; Lukoschus, F. S.; and Clulow, F. V., 1971 a, 1243, 1244, 1245, 1248, figs. 22-29
Sudbury, Ontario, Canada

[Psoroptes] psoroptic mange
hide damage, economic importance, sheep
Bwangamoi, O.; and DeMartini, J., 1970 a
East Africa

[Psoroptes] psoroptic mange
dipping, technique, drug resistance in sheep from different districts
Lasta, H. C., 1970 a
Tres Arroyos and La Plata District

[Psoroptes] psoroptosis
pathological changes, skin permeability, sheep
RÁpeanu, M. D., 1972 a

Psoroptes
dipping techniques, sheep
United States Department of Agriculture. Agricultural Research Service. Animal Disease Eradication Service, 1966 a

Psoroptes [sp.]
humans, recovered from scabies skin tunnels
Bhattacharya, N.C.; Banerjee, A. K.; and Sur, S., 1967 a
Calcutta, India

Psoroptes sp.
Odocoileus virginianus
Kellogg, F. E.; Kistner, T. P.; Strickland, R. K.; and Gerrish, R. R., 1971 a
Georgia; South Carolina

Psoroptes sp.
Odocoileus virginianus (ears)
Strickland, R. K.; Gerrish, R. R.; Kistner, T. P.; and Kellogg, F. E., 1970 a
South Carolina; Georgia

Psoroptes bovis
cattle, atypical course
Il'iashchenko, V. I., 1972 a

Psoroptes cuniculi
laboratory animals, dimethielfthalaat, lindaan
van Aswegen, P. I. M.; Hesse, P.; and Rowell, C. J., 1971 a

Psoroptes cuniculi
agar-gel tests, rabbits, P. ovis and P. cuniculi extracts
Fisher, W. F., 1972 a

Psoroptes cuniculi
sulfonate ester, akarol, trolene, hexachlorane
Il'iashchenko, V. I., 1968 a

Psoroptes cuniculi
Ciodrin, Rabond, in vitro
Pandey, V. S., 1972 c

Psoroptes cuniculi
Odocoileus hemionus (ears)
Roberts, I. H.; Meleney, W.P.; and Pillmore, R. E., 1970 a
Wildlife Research Center, Denver Federal Center, Colorado

Psoroptes equi var. caprae
caprini (ears)
Testi, F.2; and Bravi, M.V., 1970 a, fig.
Italy

Psoroptes natalensis
Syncerus caffer (skin lesions)
Sweatman, G. K.; Walker, J. B.; and Bindernagel, J. A., 1969 a, figs.
East African Veterinary Research Organization, Muguga, Kikuya, Kenya

Psoroptes ovis
lindane-creolin emulsions, sheep dips
Belonosov, V. M., 1972 a

Psoroptes ovis
agar-gel tests, sheep, P. ovis and P. cuniculi extracts
Fisher, W. F., 1972 a

Psoroptes ovis
sulfonate ester, akarol, trolene, hexachlorane
Il'iashchenko, V. I., 1968 a

Psoroptes ovis
oversummering location, sheep
Roberts, I. H.; Blachut, K.; and Meleney, W. P., 1971 a
New Mexico

Psoroptes ovis
acaricidal treatment, sheep
Roberts, I. H.; and Meleney, W. P., 1970 a

Psoroptes ovis
strain variation, sheep, cattle
Roberts, I. H.; and Meleney, W. P., 1971 a

Psoroptes ovis
hexaclorociclohexano, gamma isomer; diazinon, sheep
Rosa, W.A.J.; and Lukovich, R., 1970 a

Psoroptes ovis
emulpan, sheep
Verdes, N., 1972 a

Pteracarus tibialis sp. n.
Myotis myotis
Dusbábek, F., 1970 b, 151-154, fig. 1A-D
Bohemia, Czechoslovakia: Svatý Jan pod Skalou and Srbsko near Beroun

Pterodectes sp.
Megaceryle alcyon alcyon (feathers)
Boyd, E. M.; and Fry, A. E., 1971 a
Massachusetts; Ontario

Pterodectes rutilus Robin Megnin 1817
Delichon urbica urbica
Rădulescu, I., 1968 a
Station piscicole Nucet (dép. Dîmbovița) Roumania

Pterolichus (Eupterolichus) as syn. of Opisthocomacarus
Atyeo, W. T.; and Gaud, J., 1971 b, 157

Pterolichus obtusus Robin, 1877
Columba livia domestica
Černý, V., 1970 a
Olomouc, ČSSR

Pteronyssoides parinus Koch, 1840
description
Parus caeruleus
Shumilo, R. P.; and Loĭanich, A. A., 1968 a, figs.
Moldavia

Pteronyssus gracilis
Dendrocopus major pinetorum
Rădulescu, I., 1968 a
Station piscicole Nucet (dép. Dîmbovița) Roumania

Pterophthirus audax (Ferris, 1921)
Proechimys semispinosus centralis
Emerson, K. C., 1971 b
Nicaragua

Pteropiella g. n.
Labidocarpidae
Fain, A., 1970 c, 297
tod: P. pteropi sp. n.

Pteropiella pteropi
n. g., sp. n. (tod)
Pteropus rufus
Fain, A., 1970 c, 297
Nossi-Bé

Pteropontius gen. nov.
Ascomyzontidae; Dysspontiinae subfam. n.
Giesbrecht, W., 1895 b, 184
mt: P. cristatus n. sp.

Pteropontius cristatus
gen. n., sp. n. (mt)
Giesbrecht, W., 1895 b, 184
Naples

Pterygosoma neumanni
Calotes versicolor
Ray, H.; and Sarkar, A. C., 1969 a

Pterygosomidae [sp.]
Hemidactylus mercatorius
Lowery, R. S., 1971 a
Aldabra Atoll

Pthirus inguinalis
human dermatitis, clinical aspects, diagnosis, review
Daniel, F., 1970 a, fig.

Pthirus pubis
college students, diagnostic difficulties in Africans
Arya, O. P.; and Bennett, F. J., 1968 a
Uganda

Pthirus pubis
infant, eyelashes, case report, transmitted by parent, mercury ointment
Beasley, F. J., 1964 a
Danville, Pennsylvania

Pthirus pubis
humans, benzyl benzoate
Bhattacharya, N. C.; Biswas, T.; and Dey, N., 1968 a
Calcutta, India

Pthirus pubis
child (eyelid)
Caceda, R.; Neyra, V.; and Odicio, O., 1970 a
Trujillo, Peru

Pthirus pubis
increased incidence, human pubic infestations, 1954-1968
Fisher, I.; and Morton, R. S.; 1970 a, figs.
Great Britain

Pthirus pubis
diagnosis, treatment
Keh, B.; and Poorbaugh, J.H., 1971 a, figs.

Pthirus pubis
Homo sapiens
Spencer, G. J., 1966 a
British Columbia

Ptilonyssus sp.
Archilochus colubris
Pence, D. B., 1972 g
Louisiana

Ptilonyssus acrocephali Fain, 1964
Regulus calendula
Pence, D. B., 1972 d
Laplace, Louisiana

Ptilonyssus agelaii Fain and Aitken, 1967
Agelaius phoeniceus
Molothrus ater
Pence, D. B., 1972 d
Laplace, Louisiana
Laplace and Norco, Louisiana

Ptilonyssus angrensis Castro
Progne subis
Pence, D. B., 1972 g
Louisiana

Ptilonyssus armindae sp. n.
Grallaria varia imperator (nasal cavity)
do Amaral, V., 1973 d, 109, 110, 111-114, 115, figs. 1-4
São Paulo, Brazil

Ptilonyssus bregetovae n. sp.
key
Sitta europaea (cavités nasales)
Feider, Z.; and Mironescu, I., 1969 a, 641, 642, 643, 644, 654, 655, 656, 659, figs. 22-27
Zamora, Sinaia

Ptilonyssus bregetovae
Sitta europaea coesia
Feider, Z.; and Mironescu, I., 1970 a
Pîngărti (Neamt), Roumanie

Ptilonyssus callinectoides Brooks and Strandtmann, comb. n.
Syn.: Tyranninyssus callinectoides Brooks and Strandtmann, 1960
Myiarchus crinitus
Pence, D. B., 1972 g
Louisiana

Ptilonyssus certhiae Fain & Bafort 1963
Certhia spec.
Sixl, W., 1969 a
Steiermark

Ptilonyssus chalybeaedomesticae Amaral, 1967
Progne chalybea domestica (fossas nasais)
do Amaral, V., 1973 c, figs.
Espírito Santo de Turvo, Est. de São Paulo, Brasil

Ptilonyssus coccothraustis Fain & Bafort 1963
Coccothraustes coccothraustes
Sixl, W., 1969 a
Steiermark

Ptilonyssus constrictus Ford, 1961
Piranga rubra
Pence, D. B., 1972 d
Mandeville, Louisiana

Ptilonyssus corvi sp. n.
Corvus brachyrhynchos
Pence, D. B., 1972 g, 790, 791-793, figs. 1-6
Laplace, Louisiana

Ptilonyssus cractici Domrow
Gymnorhina hypoleuca (nasal passages)
Domrow, R., 1972 a
New Zealand

Ptilonyssus desfontainei Zumpt and Till
Sakakibara, I., 1967 a, 600, figs. K, N

Ptilonyssus echinatus Berlese and Trouessart, 1889
Hirundo rustica
Pence, D. B., 1972 d
Norco, Louisiana

Ptilonyssus emberizae Fain
Emberiza citrinella (nasal passages)
Domrow, R., 1972 a
New Zealand

Ptilonyssus emberizae Fain 1956
Emberiza citrinella
Sixl, W., 1969 a
Steiermark

Ptilonyssus euroturdi Fain and Hyland
Turda merula (nasal passages)
T. philomelus "
Domrow, R., 1972 a
all from New Zealand

Ptilonyssus euroturdi Fain and Hyland, 1963
Hylocichla mustelina
Dumetella carolinensis
Pence, D. B., 1972 d
all from Mandeville, Louisiana

Ptilonyssus flechtmanni sp. n.
Thraupis palmarum (nasal cavity)
do Amaral, V., 1973 d, 109, 119-127, figs. 8-13
Cipó, São Paulo, Brazil

Ptilonyssus hirsti Castro & Pareira 1947 — Sixl, W., 1969 a
Passer montanus — Steiermark

Ptilonyssus hoseini Fain and Aitken, comb. n. — Pence, D. B., 1972 g
Syns.: Passeronyssus hoseini Fain and Aitken, 1967; Passeronyssus havanensis Dusbábek, 1969
Vireo solitarius — all from Louisiana
V. griseus
V. flavifrons

Ptilonyssus icteridius Strandtmann and Furman — Pence, D. B., 1972 g
Euphagus carolinus — all from Louisiana
Icterus galbula
Sturnella magna
Quiscalus quiscula
Euphagus cyanocephalus
Molothrus ater
Agelaius phoeniceus

Ptilonyssus japuibensis Castro 1948 — Pence, D. B., 1972 d
Syn.: P. sairae of George 1961 nec Castro 1948
Spizella pusilla — Laplace, Louisiana
Zonotrichia albicollis — Mandeville and Laplace, Louisiana
Pipilo erythrophthalmus — Mandeville and Laplace, Louisiana
Melospiza georgiana — Norco, Louisiana

Ptilonyssus japuibensis of George, 1961 nec Castro 1948 as syn. of P. sairae Castro 1948 — Pence, D. B., 1972 d

Ptilonyssus malheiroi sp. n. — do Amaral, V., 1973 d, 109, 115-118,119, figs. 5-7
Ramphocelus bresilius dorsalis (nasal cavity) — Cipó, São Paulo, Brazil

Ptilonyssus maxvachoni n. sp. — Feider, Z.; and Mironescu, I., 1970 a, 17-22, figs. 1-7
Sitta europaea coesia (nasal cavities) — Pîngărti (Neamt), Roumanie

Ptilonyssus mimi George, 1961 — Pence, D. B., 1972 d
Mimus polyglottos — Louisiana: Covington, Mandeville, Laplace, Norco

Ptilonyssus morofskyi Hyland, 1962 — Pence, D. B., 1972 g
Geothlypis trichas — all from Louisiana
Dendroica coronata
D. pinus
Seiurus motacilla
Melospiza georgiana
Pipilo erythrophthalmus
Ammospiza maritima
Zonotrichia albicollis
Pooecetes gramineus

Ptilonyssus motacillae Fain, 1956 — Pence, D. B., 1972 d
Anthus spinoletta — Laplace, Louisiana

Ptilonyssus muscicapae sp. n. — Bregetova, N. G., 1970 a, 59-62, figs. 1-2
Muscicapa striata (nasal cavity) — Kaliningrad oblast, Rybachiĭ; Turkmen
M. sibirica (nasal cavity) — Primorskiĭ krai
M. latirostris " " — " "

Ptilonyssus nitzschi Giebel 1871 — Pence, D. B., 1972 d
Caprimulgus carolinensis — Covington, Louisiana

Ptilonyssus pari Fain and Hyland, 1963 — Pence, D. B., 1972 g
Parus carolinensis — Louisiana

Ptilonyssus pari Fain & Hyland 1963 — Sixl, W., 1969 a
Parus major — all from Steiermark
P. cristatus
P. ater
P. montanus
P. caeruleus
Sitta europaea

Ptilonyssus pelmaspis n. sp. — Feider, Z.; and Mironescu, I., 1969 a, 641, 642, 643, 644, 656-659, figs. 28-34
key — Zamora, Sinaia
Sitta europaea (cavités nasales)

Ptilonyssus pirangae Černy, comb. n. — Pence, D. B., 1972 g
Syn.: Neonyssus (Paraneonyssus) pirangae Černý, 1969
Parus bicolor — all from Louisiana
Piranga rubra

Ptilonyssus platyrinchus Fain & Aitken, 1969 — do Amaral, V., 1973 b, figs.
larva, first description — Est. de São Paulo, Brasil
Platyrinchus mystaceus (fossas nasais)

Ptilonyssus reguli Fain & Sixl 1969 — Sixl, W., 1969 a
Regulus regulus — Steiermark

Ptilonyssus richmondenae George, 1961 — Pence, D. B., 1972 d
Richmondena cardinalis — Laplace and Mandeville, Louisiana

Ptilonyssus sairae Castro 1948 — Pence, D. B., 1972 d
Syn.: P. japuibensis of George, 1961 nec Castro, 1948
Parula americana — Laplace and Mandeville, Louisiana
Dendroica magnolia — Mandeville, Louisiana
Prothonotaria citrea — Cameron Parish, Louisiana
Setophaga ruticilla — Mandeville, Louisiana
Epidonax [sic] flaviventris — Mandeville, Louisiana
Parus carolinensis — Laplace, Louisiana
Mniotilta varia — Mandeville, Louisiana
Dendroica pinus — Mandeville, Louisiana
D. coronata — Covington, Mandeville, and Laplace, Louisiana

Ptilonyssus sairae of George 1961 nec Castro 1948 as syn. of P. japuibensis Castro 1948 — Pence, D. B., 1972 d

Ptilonyssus sittae key — Feider, A.; and Mironescu, I., 1969 a

Ptilonyssus sittae Fain 1965 — Sixl, W., 1969 a
Parus major — all from Steiermark
Sitta europaea

Ptilonyssus strandtmanni-anus n. sp. — Feider, Z.; and Mironescu, I., 1969 a, 641, 642, 643, 644-651, 659, figs. 1-14
key — Gura-Humorului; Repedea, Iasi
Sitta europaea (cavités nasales)

Ptilonyssus strandtmannianus
Sitta europaea coesia
Feider, Z.; and Mironescu, I., 1970 a
Pîngărti (Neamt), Roumanie

Ptilonyssus thryothori sp. n.
Thryothorus ludovicianus
Pence, D. B., 1972 d, 1162, 1165-1167, figs. 9-14
Laplace and Mandeville, Louisiana

Ptilonyssus toxostomae sp. n.
Toxostoma rufum
Pence, D. B., 1972 d, 1162, 1163-1165, figs. 1-8
Covington and Laplace, Louisiana

Ptilonyssus tribaspis n. sp.
key
Sitta europaea (cavités nasales)
Feider, Z.; and Mironescu, I., 1969 a, 641, 642, 643, 644, 651-653, 656, 659, figs. 15-21
Gura Humorului

Ptilonyssus tyrannus Brooks and Strandtmann
Sayornis phoebe
Contopus virens
Epidonax virescens
Pence, D. B., 1972 g
all from Louisiana

Ptilonyssus vireonis Dusbábek, comb. n.
"valid species"
Syn.: Passeronyssus vireonis Dusbábek, 1969
Vireo olivaceus
Pence, D. B., 1972 g
Louisiana

Ptilonyssus wilsoni n. sp.
Collocalis sp. (nasal passages)
Sakakibara, I., 1967 a, 597, 599-601, figs. F-J, L, M
Enarotali, NW New Guinea

Pulex sp.
Peromyscus maniculatus
Vulpes fulva
Allred, D. M., 1968 a
all from National Reactor Testing Station, Idaho

Pulex sp.
Canis familiaris
Conepatus castaneus proteus
Dolichotis p. patagonum
Dusicyon griseus gracilis
Lagostomus m. maximus
Microcavia a. australis
Phyllotis (Graomys) g. griseoflavus
Giménez, D.F.; Ciccarelli, C. A.; and de la Barrera, J. M., 1964 a
all from Argentina

Pulex columbae Gervais as syn. of Ceratophyllus columbae (Gervais, 1844)
Beaucournu, J.-C.; and Gilot, B., 1971 a, 47
France

Pulex irritans
Canis latrans
Taxidea taxus
Vulpes fulva
Allred, D. M., 1968 a
all from National Reactor Testing Station, Idaho

Pulex irritans
laboratory animals, merkaptotion, trichlorfon, piretrum
van Aswegen, P. I. M.; Hesse, P.; and Howell, C. J., 1971 a

Pulex irritans L.
anomalies
Beaucournu, J. C., 1969 b, figs.

Pulex irritans
dogs
Baker, K. P.; and Hatch, C., 1972 a
Dublin

Pulex irritans
Hystrix cristata
Erinaceus europaeus
Berlinguer, G., 1964 a
all from Italy

Pulex irritans
Dusicyon gymnocercus antiquus
Bischoff de Alzuet, A. D., [1971 a], fig.
Provincia de Buenos Aires

Pulex irritans Linnaeus
Canis familiaris
Vulpes vulpes
Felis catus
Homo sapiens
Fairley, J. W., 1970 a
all from Ireland

Pulex irritans Linnaeus
Giménez, D. F.; Ciccarelli, C. A.; and de la Barrera, J. M., 1964 a

Pulex irritans Linné, 1758
Vulpes vulpes
Hinaidy, H. K., 1971 a
Austria

Pulex irritans
epidemiology, rickettsial diseases, compared with Ctenocephalides f. felis, Xenopsylla cheopis
Issa, G. I.; and Salit, A. M., 1969 a
Talbiya Village, Giza Governorate, U. A. R.

Pulex irritans
Apodemus flavicollis
Peus, F., 1970 a
Germany

Pulex irritans
Rattus norvegicus
Acomys cahirinus
Rifaat, M. A.; Mahdi, A. H.; and Arafa, M. S., 1969 b
all from Egypt

Pulex irritans Linnaeus
Homo sapiens
Roberts, C. J., 1972 a
Lancashire, Great Britain

Pulex irritans Linné
dog
Romer, J. D., 1955 a
Hong Kong

Pulex irritans Linnaeus
Mephitis mephitis mesomelas
Didelphis marsupialis virginiana
Spilogale putorius interrupta
Sylvilagus floridanus alacer
Urocyon cinereoargenteus ocythous
Canis familiaris
Bos taurus
Lynx rufus
Schiefer, B. A.; and Lancaster, J. L. (jr.), 1970 a
all from Arkansas

Pulex irritans
vectors, human diseases
Siddiqi, A. A., 1971 a

Pulex irritans (Linné, 1758)
Bolfo, dogs
Stampa, S., 1970 a

Pulex irritans
Vulpes vulpes
V. corsac
+[Acrocephalus schoenobaenus] (nest)
Tarasevich, L.N.; Tagil'tsev, A. A.; and Mal'kov, G.B., 1969 a
all from Omsk region, USSR

Pulex simulans Baker
Didelphis marsupialis
Sylvilagus floridanus
Urocyon cinereoargenteus
Vulpes vulpes
Mephitis mephitis
Canis familiaris
Homo sapiens
Lynx rufus
Layne, J. N., 1971 a
Alachua and Highlands Counties, Florida
Alachua County, Florida
Alachua and Marion Counties, Florida
Alachua County, Florida
" " "
" " "
" " "
Highlands County, Florida

Pulex simulans
Mephitis mephitis
Spilogale putorius
Mead, R. A., 1963 a
all from Sacramento Valley, California

Pupipara
handbook on parasitic insects
Askew, R. R., 1971 a

Pupipara
key to families includes: Nycteribiidae; Streblidae; Hippoboscidae
Lamerton, J. F., 1965 a

Pygiopsylla
key to Australian species, Group B
Holland, G. P., 1971 c

Pygiopsylla arcuata sp. n.
key
Rattus lutreolus
Holland, G. P., 1971 c, 65, 66, 69-71, figs. 5, 6
Peak Plains, Burnie, Tasmania, Australia

Pygiopsylla colossus Rothschild
first description of male, key
Pseudomys higginsi
Rattus lutreolus
Holland, G. P., 1971 c, figs. 1-4
all from Tasmania

Pygiopsylla congrua Jordan and Rothschild, Jordan, 1937
as syn. of Pygiopsylla zethi (Rothschild, 1904)
Mardon, D. K.; and Dunnet, G. M., 1972 b

Pygiopsylla gravis Rothschild
key
Rattus assimilis
Holland, G. P., 1971 c, figs. 7, 8
Victoria

Pygiopsylla hilli (Rothschild, 1904)
Syn.: Ceratophyllus hilli Rothschild, 1904
Mardon, D. K.; and Dunnet, G. M., 1972 b, 70

Pygiopsylla hoplia Jordan and Rothschild, 1922
Mardon, D. K.; and Dunnet, M., 1972 b, figs.

Pygiopsylla iridis sp. n.
key
Rattus assimilis
Isoodon obesulus
bandicoot
Holland, G. P., 1971 c, 65, 66, 79-81, figs. 10, 14, 16, 21, 22
Mt. Glorious, S. E. Queensland; The Risk, New South Wales
Brisbane; Mt. Nebo
Indooroopilly, Brisbane

Pygiopsylla rainbowi Rothschild
key
Rattus assimilis
R. lutreolus
R. rattus
R. fuscipes greyii
Holland, G. P., 1971 c, figs. 12, 13, 17, 18
Victoria
"
"
South Australia

Pygiopsylla sinuata sp. n.
key
Rattus sp.
Perameles nasuta
Hydromys chrysogaster
Isoodon obesulus
Melomys sp.
Rattus assimilis
Uromys caudimaculatus
Holland, G. P., 1971 c, 65, 66, 72-77, figs. 9, 11, 15, 19, 20
Dinner Creek, Innisfail, Queensland, Australia
Dinner Creek, Innisfail, Queensland, Australia
North Queensland
East Innisfail, Queensland
Crawford's Lookout
Crawford's Lookout
Dunbulla, about 10 miles from Atherton, Queensland

Pygiopsylla tunneyi n. sp.
Isoodon obesulus
Mardon, D. K.; and Dunnet, G. M., 1972 b, 69,70,71, 72, figs. 4,7,8
Mahogany Creek, nr. Perth, Western Australia

Pygiopsylla zethi (Rothschild, 1904)
Syns.: Ceratophyllus zethi Rothschild, 1904; Pygiopsylla congrua Jordan and Rothschild, Jordan, 1937
Mardon, D. K.; and Dunnet, G. M., 1972 b, 71, figs.

Pygmephorus Kramer, 1877
morphology, taxonomy, review
Savulkina, M. M., 1969 a, figs.

Pygmephorus forcipatus
Clethrionomys glareolus
Mahnert, V., 1971 a
the Tirol, Austria

Pygmephorus spinosus
Microtus agrestis
Sorex alpinus
Mahnert, V., 1971 a
all from the Tirol, Austria

Quadraceps alcyonae (Carriker)
Megaceryle alcyon alcyon (feathers)
Boyd, E. M.; and Fry, A. E., 1971 a
Massachusetts; Ontario

Quadraceps sellatus (Burm.)
Colymbus caspicus
Shcherbinina, O. Kh., 1969 a
Turkmenia

Quadraseta flochi (Brennan and Jones, 1960)
Proechimys guyannensis
Brennan, J. M.; and Lukoschus, F. S., 1971 a
Surinam

Radfordia affinis (Poppe)
Mus musculus
Manischewitz, J. R., 1966 a
New Jersey

Radfordia bachai
Dipodomys ordii
Allred, D. M., 1970 d
near Idaho Falls, Idaho

Radfordia ensifera (Poppe)
Pitymys pinetorum
Blarina brevicauda
Microtus pennsylvanicus
Rattus norvegicus
Mus musculus
Manischewitz, J. R., 1966 a
all from New Jersey

Radfordia lancearia (Poppe, 1908)
Apodemus silvaticus
Beron, P., 1971 a
France

Radfordia lemmina
Mus musculus
Clark, D. E., 1971 a
Terre Haute, Indiana

Radfordia lemmina (Koch)
Microtus pennsylvanicus
Pitymys pinetorum
Manischewitz, J. R., 1966 a
all from New Jersey

Radfordia sigmodontis
Sigmodon hispidus
collection, modified washing technique
Henry, L. G.; and McKeever, S., 1971 a
southeastern Georgia

Radfordia subuliger Ewing
ecology, infestation rates compared, deer and harvest mice
Elzinga, R. J.; and Rees, D. M., 1964 b

Radfordia subuliger Ewing
Peromyscus leucopus
Manischewitz, J. R., 1966 a
New Jersey

Radfordiella Fonseca, 1948
description, Macronyssidae
key to protonymphs
Radovsky, F.J.; Jones, J.K. (jr.); and Phillips, C. J., 1971 a

Radfordiella anourae n. sp.
key, protonymphs
Radovsky, F.J.; Jones, J. K. (jr.); and Phillips, C. J., 1971 a, 737, 739, 740, 741, 742-743, figs. 3, 8, 10, 13, 18, 23
Anoura geoffroyi
Rincon, 6.4 km NW Pueblo Nuevo, Chiapas, México

Radfordiella carolliae Radovsky, 1967
key, protonymphs
Radovsky, F. J.; Jones, J.K. (jr.); and Phillips, C. J., 1971 a

Radfordiella desmodi Radovsky, 1967
key, protonymphs
Radovsky, F.J.; Jones, J. K. (jr.); and Phillips, C. J., 1971 a, figs.

Radfordiella monophylli n. sp.
key, protonymphs
Radovsky, F.J.; Jones, J. K. (jr.); and Phillips, C. J., 1971 a, 737, 739, 740, 741, 743, figs. 4, 9, 11, 14, 19, 21, 24
Monophyllus redmani
San Vicente, Pinar del Rio, Cuba

Radfordiella oricola n. sp.
key, protonymphs
Radovsky, F.J.; Jones, J. K. (jr.); and Phillips, C. J., 1971 a, 737, 738, 739, 740, 741, 742, 743, 744, figs. 1, 2, 7, 12, 17, 20, 22, 26, 28-29
Leptonycteris nivalis
2.4 km N Zaragoza, Nuevo León, México; cave near

Radfordiella oricola.— Continued
Radovsky, F.J.; Jones, J. K. (jr.); and Phillips, C.J., 1971 a.— Continued.
La Jolla on Cerro Potosí, Municipio Galeana, Nuevo León, México; Mt. Emory, Brewster Co., Texas
Anoura geoffroyi
Rincon, 6.4 km NW Pueblo Nuevo, Chiapas, México

Radfordiella oudemansi Fonseca, 1948
key, protonymphs
Radovsky, F.J.; Jones, J. K. (jr.); and Phillips, C. J., 1971 a, figs.

Raillietia auris
Odocoileus virginianus
Kellogg, F. E.; Kistner, T. P.; Strickland, R. K.; and Gerrish, R. R., 1971 a
U. S. Virgin Islands (St. Croix)

Raillietia auris
associated with otitis media
cattle (ear)
Ladds, P. W.; Copeman, D. B.; Daniels, P.; and Trueman, K. F., 1972 a, figs.
northern Queensland

Raillietiella boulengeri Vaney und Sambon 1910
Bitis nasicornis
Atheris chlorachis
Naja melanoleuca
Bitis gabonica
Schlange
von Haffner, K., 1973 a
all from Liberia

Raillietiella geckonis (Diesing, 1850) Sambon, 1910
Agama erythrogastra (lung)
Radchenko, N. M., 1971 a
Badkhyz Upland, Turkmenia

Raillietiella gowrii sp. nov.
Natrix piscator (lungs)
Rajulu, G. S.; and Rajendran, M. V., 1970 a, 130-132, figs. 1-2
Madurai (South India)

Raillietiella hemidactyli Hett
spermatology, structure, development, compared with Argulus foliaceus
Wingstrand, K. G., 1972 a, figs.

Rallicola mystax (Giebel, 1874)
Porzana fuscus bakeri
Lakshminarayana, K. V., 1972 c
Nalbani, Salt Lakes, West Bengal

Rallinyssus caudistigmus Strandtmann, 1948
Fulica americana (nasal passages)
Pence, D. B., 1972 a, 157
Lacombe and Cameron Parish, Louisiana

Rallinyssus gallinulae Fain
Porphyrio melanotus (nasal passages)
Domrow, R., 1972 a
New Zealand

Rallinyssus verheyeni Fain, 1963
Rallus limicola (nasal passages)
R. elegans "
Pence, D. B., 1972 a, 158-160, figs. 11-18
all from Norco, Louisiana

Raymondia boquieni Vermeil, 1965
Vanschuytbroeck, P., 1968 a, 28
Grotte Mulungwishi

Raymondia setiloba Jobling, 1954
Vanschuytbroeck, P., 1968 a, 27

Raymondia simplex Jobling, 1955
Vanschuytbroeck, P., 1968 a, 28
Grotte de Mulungwishi

Raymondia waterstoni Jobling, 1931
Vanschuytbroeck, P., 1968 a, 29
Katanga

Rectofrontia fraterna
Onychomys leucogaster
Peromyscus maniculatus
Allred, D. M., 1968 a
all from National Reactor Testing Station, Idaho

Rectofrontia fraterna
Spermophilus richardonii
Hilton, D. F. J.; and Mahrt, J. L., 1971 b
Alberta

Rhadinopsylla (Rhadinopsylla)
key to known species
includes: Rhadinopsylla cedestis; R. syriaca; R. bivirgis; R. ucrainica; R. socia; R. golana n. sp.; R. masculana
Lewis, R. E.; and Burt, P. M., 1973 a

Rhadinopsylla n. sp.
Hyperacrius fertilis
Alticola [sp.]
Traub, R.; and Evans, T. M., 1967 b, 655
all from W. Pakistan

Rhadinopsylla (Actenophthalmus) dahurica ?sila Labunets, 1961
Ochotona pallasi
Smit, F.G.A.M., 1973 a
Mongolia

Rhadinopsylla fraterna (Baker)
distribution
Citellus tridecemlineatus
Kinzel, R. F.; and Larson, O. R., 1973 a
North Dakota

Rhadinopsylla (Rectofrontia) fraterna (Baker)
Neotoma floridana
Schiefer, B. A.; and Lancaster, J. L. (jr.), 1970 a
Arkansas

Rhadinopsylla (Rectofrontia) fraterna (Baker)
Peromyscus maniculatus
Woods, C. E.; and Larson, O. R., 1971 a
Ward Co., North Dakota

Rhadinopsylla (Rhadinopsylla) golana n. sp.
key
+Spalax ehrenbergi ehrenbergi (nest)
Lewis, R. E.; and Burt, P. M., 1973 a, 143-151, figs. 1-9
Ramath Ha 'Golan, Israel

Rhadinopsylla goodi (Hubbard)
ecology, infestation rates compared, deer and harvest mice
Elzinga, R. J.; and Rees, D. M., 1964 b

Rhadinopsylla (Actenophthalmus) insolita Jordan, 1929
Meriones unguiculatus
Smit, F.G.A.M., 1973 a
Mongolia

Rhadinopsylla integella
Microtus arvalis
Apodemus (Sylvimus) sylvaticus
Alaniia, I. I.; Dzneladze, M. T.; Rostigaev, B. A.; and Shiranovich, P. I., 1971 a
all from Adjarian ASSR

Rhadinopsylla (Actenophthalmus) integella Jord. et Roths.
morphology, larva
Bartkowska, K., 1972 a, figs.

Rhadinopsylla integella
infectivity, altitude, seasonal distribution
Sorex araneus
Microtus agrestis
M. nivalis
Clethrionomys glareolus
Apodemus flavicollis
Mahnert, V., 1972 a
all from Tirol, Austria

Rhadinopsylla integella
Sorex araneus
S. minutus
Clethrionomys glareolus
Microtus agrestis
Apodemus flavicollis
Peus, F., 1970 a
all from Germany

Rhadinopsylla isacantha
Clethrionomys glareolus
Peus, F., 1970 a
Germany

Rhadinopsylla mesa Jordan et N. C. Rothschild, 1920
Syn.: R. mesoïdes Smit, pro parte
Microtus nivalis
Beaucournu, J.-C.; and Gilot, B., 1971 a, 46
France

Rhadinopsylla mesa J. et R., pro parte
as syn. of R. mesoïdes Smit, 1959
Beaucournu, J.-C.; and Gilot, B., 1971 a, 46
France

Rhadinopsylla mesa
infectivity, altitude, seasonal distribution
Microtus nivalis
Clethrionomys glareolus
Mahnert, V., 1972 a
all from Tirol, Austria

Rhadinopsylla mesoïdes Smit, 1959
Syn.: R. mesa J. et R., pro parte
Talpa europaea
T. caeca
Beaucournu, J.-C.; and Gilot, B., 1971 a, 46
all from France

Rhadinopsylla mesoïdes Smit, pro parte
as syn. of R. mesa Jordan et N. C. Rothschild, 1920
Beaucournu, J.-C.; and Gilot, B., 1971 a, 46
France

Rhadinopsylla orama Smit
Pitymys pinetorum
Holland, G.P.; and Benton, A. H., 1968 a
Pennsylvania

Rhadinopsylla pentacantha (Roths.)
anomalies
Beaucournu, J. C., 1969 b, figs.

Rhadinopsylla pentacantha (Rothschild)
Apodemus sylvaticus
Microtus arvalis sarnius
Crocidura russula
Bishop, I. R., 1972 a
all from Channel Islands

Rhadinopsylla pentacantha (Rothschild)
Clethrionomys glareolus
Microtus agrestis
M. arvalis
M. oeconomus
Pitymys subterraneus
Apodemus flavicollis
Peus, F., 1970 a
all from Germany

Rhadinopsylla pentacantha (Rothschild)
Apodemus sylvaticus
Clethrionomys glareolus
Talpa europaea
Roberts, C. J., 1972 a
Lancashire, Great Britain
Cheshire, Great Britain
Derbyshire, Great Britain

Rhadinopsylla sectilis
Dipodomys ordii
Eutamias minimus
Neotoma cinerea
Onychomys leucogaster
Peromyscus maniculatus
Spermophilus townsendii
Allred, D. M., 1968 a
all from National Reactor Testing Station, Idaho

Rhadinopsylla sectilis goodi
Peromyscus truei
Douglas, C. L., 1969 a, 493
Mesa Verde National Park, Colorado

Rhagoletis cerasi garçon (Diptera)
Yalçinkaya, E., 1971 a, figs.

Rhamphocaulinae subfam. n. Proctophyllodidae
Park, C. K.; and Atyeo, W. T., 1971 b, 221-222
type gen.: Rhamphocaulus n. gen.

Rhamphocaulus n. gen. Proctophyllodidae; Rhamphocaulinae subfam. n.
Park, C. K.; and Atyeo, W. T., 1971 b, 221, 222-223
tod: R. aviculocaulis (Trouessart) n. comb.

Rhamphocaulus aviculocaulis (Trouessart) n. comb. (tod)
Park, C. K.; and Atyeo, W. T., 1971 b, 221, 223-225, figs. 1-5
Syns.: Proctophyllodes (Alloptes) aviculocaulis Trouessart, 1886; Alloptes aviculocaulis Canestrini and Kramer, 1899
Eutoxeres a. aquila — New Granada and Ecuador
E. a. heterura — Ecuador
Ramphodon naevius — Brazil
Topaza p. pella — "
T. p. microrhyncha — "

Rhamphocaulus sinuatus n. sp.
Park, C. K.; and Atyeo, W. T., 1971 b, 221, 227-229, figs. 11-18
Anthracothorax p. prevostii — Mexico
Campylopterus curvipennis — "
Leucochloris albicollis — Brazil
Phaethornis s. superciliosus — British Honduras
Phaethornis superciliosus longirostris — New Granada

Rhamphocaulus vachoni n. sp.
Park, C. K.; and Atyeo, W. T., 1971 b, 221, 225-227, figs. 6-10
Phaethornis guy apicalis — Colombia
Phaethornis superciliosus muelleri — Brazil
Phaethornis yaruqui sanctijohannis — Colombia

Rhinoestrus purpureus or Oestrus ovis
human (eye)
Pinkerton, A. W., 1971 a
Iran

Rhinolophopsylla unipectinata unipectinata (Taschenberg, 1880)
Rhinolophus ferrum equinum
Berlinguer, G., 1964 a, figs.
Italy

Rhinonyssidae
Yunker recovery technique, nasal cavity of birds
do Amaral, V., 1970 a

Rhinonyssus coniventris Trouessart
Totanus flavipes (nasal passages)
Catoptrophorus semipalmatus (nasal passages)
Crocethia alba (nasal passages)
Pence, D. B., 1972 a, 156-157
all from Cameron Parish, Louisiana

Rhinonyssus himantopus Strandtmann, 1951
Himantopus mexicanus (nasal passages)
Pence, D. B., 1972 a, 157
Cameron Parish, Louisiana

Rhinonyssus levinseni (Trägardh, 1904)
"specific parasite of eiders"
[Polysticta stelleri]
[Somateria spectabilis]
[Somateria fischeri]
Butenko, O. M., 1971 a
all from SSSR

Rhinonyssus nyrocae n. sp.
[Nyroca nyroca]
Butenko, O. M., 1971 a, 483, 488, 490, 492-494, fig. 8(1-6)
SSSR

Rhinonyssus podilymbi sp. n.
Podilymbus podiceps (nasal passages)
Pence, D. B., 1972 a, 153, 154-156, figs. 1-10
Cameron Parish and Norco, Louisiana

Rhinonyssus rhinolethrum subdivided into two subsp.
Butenko, O. M., 1971 a and R. subrhinolethrum n. sp.

Rhinonyssus rhinolethrum (Trouessart)
Anas superciliosa (nasal passages)
Domrow, R., 1972 a
New Zealand

Rhinonyssus rhinolethrum Trouessart
Aix sponsa (nasal passages)
Fulica americana "
Anas discors "
Pence, D. B., 1972 a, 156
Laplace, Louisiana
Lacombe, "
Cameron Parish, Louisiana

Rhinonyssus rhinolethrum anatidae ssp. n.
p. 489 (= R. rhinolethrum forma A)
[Anas platyrhynchos]
[A. querquedulae]
[A. crecca]
[A. falcata]
[A. clypeata]
[A. strepera]
[A. penelope]
[A. acuta]
[Netta rufina]
[Nyroca ferina]
Butenko, O. M., 1971 a, 483, 484, 487, 488, 489, 490, 494, figs. 1(7-9), 2(3,3a), 3(3,4), 4(1-2), 5(1), 6
all from SSSR

Rhinonyssus rhinolethrum rhinolethrum ssp. n.
parasite of geese of genus Anser
[Anser albifrons]
[Anser anser]
[Anser erythropus]
[Cygnus cygnus]
Butenko, O. M., 1971 a, figs.
all from SSSR

Rhinonyssus strandtmanni Fain and Johnston, 1966
Charadrius vociferus (nasal passages)
Pence, D. B., 1972 a, 157
Laplace and Norco, Louisiana

Rhinonyssus subrhinolethrum n. sp.
p. 489 (= R. rhinolethrum, forma B)
[Anas crecca]
[Anas acuta]
[Anas querquedula]
Butenko, O. M., 1971 a, 483, 488, 489, 490, 491-492, 494, figs. 4(4-6), 5(2), 7
all from SSSR

Rhinophaga elongata Coffee, van Aswegen, McConnell and Basson, 1971
lesions
Papio ursinus (nasal cavity)
McConnell, E. E.; Basson, P. A.; and De Vos, V., 1971 a, figs.
Kruger National Park

Rhinophaga papionis Fain, 1955
lesions
Papio ursinus (nasal cavity)
McConnell, E. E.; Basson, P. A.; and De Vos, V., 1971 a, figs.
Kruger National Park

Rhipicephalus
infra-internal bristles of palps, morphology, location number
Senevet, G., 1970 a

Rhipicephalus [sp.]
sheep
Houshmand-Rad, P.; and Hawa, N. J., 1973 a
Iraq

Rhipicephalus sp.
Macaca radiata
Presbytis entellus
Rajagopalan, P. K.; and Anderson, C. R., 1971 a
Shimoga District, India, all from

Rhipicephalus appendiculatus — Blewett, D. A.; and Branagan, D., 1972 a
salivary glands, detection of Theileria parva

Rhipicephalus appendiculatus — Blewett, D.A.; and Branagan, D., 1972 b
technique, injection, radio-active tracers

Rhipicephalus appendiculatus — Branagan, D., 1973 a
temperature and humidity, development rate

Rhipicephalus appendiculatus — Ferrar, A. A.; and Kerr, M. A., 1971 a
Redunca arundinum — Kyle National Park, Rhodesia

Rhipicephalus appendiculatus — Gresty, R.H.C., 1971 a
control, Supona dips

Rhipicephalus appendiculatus — Irvin, A. D.; and Brocklesby, D. W., 1972 a
failure to experimentally transmit Babesia microti to mice

Rhipicephalus appendiculatus — Irvin, A. D.; Purnell, R. E.; and Pierce, M. A., 1973 a
laboratory production, feeding behavior, cattle, rabbits

Rhipicephalus appendiculatus — Joyner, L.P.; Cunningham, M. P.; Purnell, R.E.; and Brown, C.G.D., 1972 a
duration of emission of infective particles of Theileria parva

Rhipicephalus appendiculatus — Kimber, C. D.; and Purnell, R. E., 1972 a
host of Theileria parva, technique for detection in salivary glands

Rhipicephalus appendiculatus — Konnerup, N., 1964 a
vector, Nairobi sheep disease

Rhipicephalus appendiculatus — MacMillan, W. G.; Brocklesby, D. W.; and Purnell, R. E., 1971 a
Theileria, stages in tick, fine structure

Rhipicephalus appendiculatus — Purnell, R. E.; et al., 1970 a
development and collection of Theileria parva, salivary gland

Rhipicephalus appendiculatus — Purnell, R. E.; Branagan, D.; and Brown, C. G. D., 1970 a
failure to transmit Theileria mutans and Babesia bigemina to cattle

Rhipicephalus appendiculatus — Purnell, R. E.; Sansom, B. F.; Theileria parva-infected, and Sellwood, S. A., 1972 a
quantitating infective particles, ^{3}H-thymidine labelling

Rhipicephalus appendiculatus — Shaw, R. D., 1973 a
control, economic importance, review

Rhipicephalus appendiculatus — Stampa, S., 1964 b
Neguvon, Angora goats

R[hipicephalus] appendiculatus — Stampa, S., 1970 a
Bolfo, livestock

Rhipicephalus appendiculatus — Waladde, S. M.; and Zombeire, 1972a, figs.
cholinesterase, brain, demonstration technique, toxaphene, chlorfenvinphos

Rhipicephalus appendiculatus — Young, A. S.; et al., 1973 a
vector, Theileria lawrencei, isolated from buffalo, cattle

Rhipicephalus bursa — Albanese, M.; et al., 1972 a
vector, Thogoto virus — Western Sicily

Rhipicephalus bursa — Gladenko, I. N.; et al., 1970 a
Sevin, Diaresil
sheep

Rhipicephalus bursa — Heneberg, N.; Heneberg, D.; Miloševič, J.; and Dimitijević, V., [1968 a]
distribution
konji
goveda
ovce — all from Kosovo and Metohija, Jugoslaviji

R[hipicephalus] bursa — Kasabov, R., 1970 a
vector, piroplasmosis, control

Rhipicephalus bursa — Krasnobaeva, Z. N.; Stepanchenok-Rudnik, G. I.; and Grokhovskaiâ, I. M., 1971 a
homogenates, electrophoresis, taxonomy

Rhipicephalus bursa Can. et Fanz. — Musatov, V. A., 1970 a
repeated attachment and feeding, reaction of animal skin, immune nature

Rhipicephalus bursa — Nikol'skiĭ, S. N.; and Prokhorova, P. K., 1972 a
degree of infection, tick eggs, Piroplasma ovis, B[abesia] ovis

Rhipicephalus bursa — Tevosov, A. M.; and Annagiev, A. A., 1956 a, 33

Rhipicephalus bursa — Tovornik, D.; and Černy, V., 1972 a
sheep — island of Brač, Yugoslavia

Rhipicephalus bursa — Trifonov, T. R.; and Meshkov, St., 1971 a
incidence, bovine, ovine, caprine, equine, swine — Burgas region

Rhipicephalus bursa — Turvandishvili, S. A., 1971 a
nymph, phosphamide, carbophos, chlorophos

Rhipicephalus compositus — Hoffmann, G.; and Lindau, M., 1971 a
Rind
Hyäne
Nager — all from Niger

Rhipicephalus cuspidatus — Hoffmann, G.; and Lindau, M. 1971 a
Phacochoerus aethi picus
Hyäne — all from Niger

Rhipicephalus evertsi — Burgdorfer, W.; Ormsbee, R. A.; and Hoogstraal, H., 1972 a
transmission trials, Rickettsia prowazeki

Rhipicephalus evertsi — Ferrar, A. A.; and Kerr, M. A., 1971 a
Redunca arundinum — Kyle National Park, Rhodesia

Rhipicephalus evertsi — Ho, C. C.; and Wang, H. H., 1969 a
vector, Babesia bigemina — Makalle, northern Ethiopia

Rhipicephalus evertsi — Hoffmann, G.; and Lindau, M., 1971 a
Rind
Ziege — all from Niger

Rhipicephalus evertsi — Irvin, A. D.; Purnell, R. E.; and Shiemann, B., 1973 a, fig.
Aepyceros melampus (blood) — Serengeti National Park

Rhipicephalus evertsi
failure to transmit Theileria parva to cattle
Purnell, R. E.; Branagan, D.; and Brown, C. G. D., 1970 a

Rhipicephalus evertsi
Lujet, Asuntol, Baytex, Merino sheep
Stampa, S., 1964 c

R[hipicephalus] evertsi
Bolfo, livestock
Stampa, S., 1970 a

Rhipicephalus glabroscutatum
Neguvon, Angora goats
Stampa, S., 1964 b

Rhipicephalus haemaphysaloides
Sumithion, dogs
Hegde, K. S.; Rahman, S. A.; Rajasekariah, G. R.; and Gowda, R. N. S., 1972 a

Rhipicephalus haemaphysaloides (Supino)
human
domestic horse
Naemorhaedus goral hodgsoni
domestic dogs
Hoogstraal, H., 1971 c
all from Nepal

Rhipicephalus haemaphysaloides
cattle
Hoogstraal, H.; Saito, Y.; Dhanda, V.; and Bhat, H. R., 1971 a, 182
India

Rhipicephalus haemaphysaloides (Supino, 1897)
life cycle
rabbits (exper.)
guinea pigs (exper.)
white rats (exper.)
Jagannath, M. S.; Alwar, V. S.; and Lalitha, C. M., 1972 b, figs.

Rhipicephalus pulchellus
vector of Trypanosoma theileri, distribution in tick organs
Burgdorfer, W.; Schmidt, M.L.; and Hoogstraal, H., 1973 a
Ethiopia

Rhipicephalus pulchellus
bovine pleuropneumonia agent isolated
Shifrine, M.; Bailey, K. P.; and Stone S. S., 1972 a
Kenya

Rhipicephalus rossicus
carrier of Crimean hemorrhagic fever virus
Perelatov, V. D.; Vostokova, K. K.; Butenko, A. M.; and Donets, M. A., 1972 a
Rostov district

Rhipicephalus sanguineus
copulation
Feldman-Muhsam, B.; and Borut, S., 1971 a

Rhipicephalus sanguineus
26 insecticides, "tea bag" technique for assessing efficacy
Gladney, W. J.; Dawkins, C. C.; and Drummond, R. O., 1972 a

Rhipicephalus sanguineus
nymphs, insecticides tested by "tea-bag" technique
Gladney, W. J.; Dawkins, C. C.; and Drummond, R. O., 1972 b

Rhipicephalus sanguineus
Good, N. E., 1972 a
New York State

Rhipicephalus sanguineus
distribution
Gothe, R.; and Hamel, H.-D., 1973 a
Germany

Rhipicephalus sanguineus
disease transmission, man, review
Gregson, J.D., 1960 b, fig.
British Columbia

Rhipicephalus sanguineus
life cycle, control, diagnosis, review
Hass, C. R., 1972 a, fig.

Rhipicephalus sanguineus
Sumithion, dogs
Hegde, K. S.; Rahman, S. A.; Rajasekariah, G. R.; and Gowda, R. N. S., 1972 a

Rhipicephalus sanguineus
distribution
goveda
ovce
Heneberg, N.; Heneberg, D.; Miloševič, J.; and Dimitijević, V., [1968 a]
all from Kosovo and Metohija, Jugoslaviji

Rhipicephalus sanguineus
Rind
Schaf
Ziege
Wildboviden
Pferd
Phacochoerus aethiopicus
Hund
Hyäne
Wildvögel
Hoffmann, C.; and Lindau, M., 1971 a
all from Niger

Rhipicephalus sanguineus
nymphs, survival of Rickettsia conori, different temperatures
Injeyan, H. S.; Sweatman, G. K.; and Matossian, R. M., 1972 a

Rhipicephalus sanguineus
egg shell, amino acid composition
Jaskoski, B. J.; and Butler, V. L., 1972 a

Rhipicephalus sanguineus
Odocoileus virginianus
Kellogg, F. E.; Kistner, T. P.; Strickland, R. K.; and Gerrish, R. R., 1971 a
Texas

Rhipicephalus sanguineus
Genetta rubiginosa
Keymer, I. F., 1971 a
central Africa

Rhipicephalus sanguineus
Syn.: Ixodes sanguineus Latreille, 1806
dog
pig
Kohls, G. M., 1969 c, 133
Philipsburg, St. Martin; Kralendijk, Bonaire
Philipsburg, St. Martin

Rhipicephalus sanguineus
from animals or material imported into United States
Koutz, F. R., 1966 b

Rhipicephalus sanguineus
Vapona, dogs, cats
Niemand, H. G., 1973 a

Rhipicephalus sanguineus
form, function and interrelationships of fat body, associated tissues
Obenchain, F. D.; and Oliver, J. H. (jr.), 1973 a

Rhipicephalus sanguineus (Latreille)
chromosome dynamics, gamma radiation, spermatogenesis, hatchability
Oliver, J.H. (jr.); Osburn, R.L.; and Roberts, J.R. (jr.), 1972 a

Rhipicephalus sanguineus
dogs
Persson, L., 1973 a
Sweden

Rhipicephalus sanguineus
vector of rickettsiae
Robertson, R. G.; and Wisseman, C. L. (jr.), 1973 a
West Pakistan

Rhipicephalus sanguineus
fumigants
Roth, H., 1973 a

Rhipicephalus sanguineus (Latreille, 1806)
humidity, temperature, incubation of egg, moulting of larva nymph, preattachment period
Sardey, M. R.; and Rao, S. R., 1973 a

Rhipicephalus sanguineus
histological studies, neural structures
Satija, R. C.; Sharma, S. P.; and Khanna, S., 1971 a, figs.

Rhipicephalus sanguineus
Capreolus capreolus
Schweizer, R., 1949 a
Switzerland

Rhipicephalus sanguineus sanguineus
susceptibility, dieldrin, malathion, fenthion
Issa, G. I.; and Salit, A.M., 1968 a
Egypt, U.A.R.

Rhipicephalus sanguineus sanguineus
life cycle, feeding, moulting
Nassar, M. S.; Hammad, S. M.; and El-Koudary, A. S., 1972 a

Rhipicephalus sanguineus sanguineus
Asuntol, Bercotox, cattle
Said, M. S.; et al., 1971 a

Rhipicephalus simus
transmission trials, Rickettsia prowazeki
Burgdorfer, W.; Ormsbee, R. A.; and Hoogstraal, H., 1972 a

Rhipicephalus simus
vector, Babesia bigemina
Ho, C. C.; and Wang, H. H., 1969 a
Makalle, northern Ethiopia

Rhipicephalus simus
Neguvon, Angora goats
Stampa, S., 1964 b

Rhipicephalus simus senegalensis
Rird
Hoffmann, G.; and Lindau, M., 1971 a
Niger

Rhipicephalus simus senegalensis
chlorfenvinphos, cattle
Mohammed, A. N., 1970 a
Nigeria

Rhipicephalus simus simus
Ziege
Hoffmann, G.; and Lindau, M., 1971 a
Niger

Rhipicephalus turanicus
Pomerantzev
biochemistry, excretory products
Hamdy, B. H., 1972 a

Rhipicephalus turanicus
vector of rickettsiae
Robertson, R. G.; and Wisseman, C. L. (jr.), 1973 a
West Pakistan

Rhipicephalus turanicus (=secundus)
sheep
Erinaceus sp.
Meriones tristrami
Sonenshine, D. E.; and Ziv, M., 1971 a
Israel, all from

Rhipistoma ellipticum Koch, 1844
nomen nudum
Camicas, J. L.; Hoogstraal, H.; and El Kammah, K. M., 1972 a

Rhynchomyzon gen. nov.
Ascomyzontidae; Ascomyzontinae n. subfam.
Giesbrecht, W., 1895 b, 177

Rhynchomyzon falco n. gen., n. sp.
Giesbrecht, W., 1895 b, 178
Naples

Rhynchomyzon purpurocinctum Th. Scott [n. comb.]
Syn.: Cyclopicera purpurocinctum Th. Scott
Giesbrecht, W., 1895 b, 178
Firth of Forth, Mull; Naples

Ricinidae Werneck, 1948
as syn. of Boopiidae Mjöberg 1910
von Kéler, S., 1971 a, 16

Ricinus ernstlangi E., 1941
seasonal distribution, Turdus m. merula, ecology
Baum, H., 1968 a, figs. 6a-b

Ricinus picturatus
eggs on museum study skins, description, location, significance for ecological studies
Vermivora celata
Foster, M. S., 1969 b

Rocinela signata Schiodte & Meinert
Haemulon sciurus
Pearse, A. S., [1953 c]
Alligator Harbor, Florida

Rodhainomyia Bequaert, 1920
as syn. of Cobboldia Brauer, 1887
Zumpt, F.K.E.; and Wetzel,H., 1970 a

Rodhainomyia chrysidiformis Rodhain and Bequaert, 1915
as syn. of Cobboldia roverei Gedoelst 1915
Zumpt, F.K.E.; and Wetzel,H., 1970 a

Rodhainomyia chrysidiformis Zumpt, 1958 (adult only)
as syn. of Cobboldia chrysidiformis Rodhain and Bequaert, 1915
Zumpt, F.K.E.; and Wetzel,H., 1970 a

Rodhainomyia roverei Zumpt 1965
as syn. of Cobboldia roveri Gedoelst 1915
Zumpt, F.K.E.; and Wetzel,H., 1970 a

Rodhainomyia roverei Zumpt, 1965 (adult only)
as syn. of Cobboldia chrysidiformis Rodhain and Bequaert, 1915
Zumpt, F.K.E.; and Wetzel,H., 1970 a

Rostrozetes sp.
Sciurus carolinensis
Parker, J. C.; and Holliman, R. B., 1971 a
North Carolina

Rowleyella gen. n.
Ceratophyllidae; Ceratophyllinae
Lewis, R. E., 1971 d, 1349-1350
tod: R. arborea n. sp.

Rowleyella arborea gen. n., sp. n. (tod)
Dremomys lokriah
Lewis, R. E., 1971 d, 1349, 1350-1353, figs. 1-5
Sindu district, Nepal

Rupicolacarus new genus
Proctophyllodidae; Proctophyllodinae
Atyeo, W. T., 1972 a, 1-2
tod: R. orbicularis (Trouessart) new comb.

Rupicolacarus laticlunis n. sp.
Rupicola rupicola
Atyeo, W. T., 1972 a, 1, 2, 4-5, figs. 7-8
Guiana

Rupicolacarus orbicularis (Trouessart) n. gen., new comb. (tod)
Rupicola peruviana sanquinolenta
Atyeo, W. T., 1972 a, 2, figs. 1-6
Equator

Ruttenia loxodontis Rodhain +Loxodonta africana
Zumpt, F.K.E.; and Wetzel,H., 1970 a, figs.

Rynconyssus g. n.
Labidocarpinae
Fain, A., 1967 p, 380
tod: R. galagoensis sp. n.

Rynconyssus galagoensis sp. n. (tod)
Galago crassicaudatus (poils)
Fain, A., 1967 p, 380-381
mort au Zoo d'Anvers

Sabellacheres (?) drachi sp. n.
Potamilla torelli (filament branchial)
Laubier, L., [1969 a], 345, 346-351, figs. 1A-D
baie de Rosas (Espagne)

Sacculina carcini
parasitized crabs, arrested molting cycle, not caused by invasion of Y-glands
Andrieux, N., 1969 a

Sacculina carcini Thompson
Macropipus holsatus (=Portunus holsatus)
Boschma, H., 1960 f, fig.
off Bradda Head, Isle of Man

Sacculina inflata Leukart
Cancer pagurus
Boschma, H., 1960 f, fig.
off Bradda Head, Isle of Man

Saemundssonia humeralis (Denny)
Numenius arquata
Ardalan, A., 1971 a
Chahbahar, Baluchistan province, Iran

Saemundssonia lari
Larus argentatus
L. fuscus graellsii
Lina, P. H. C., 1971 a
all from Wassenaar (gullery)

Saemundssonia sternae (L.)
Colymbus cristatus
Shcherbinina, O. Kh., 1969 a
Turkmenia

Salmincola sp.
Prosopium williamsoni (gills)
Newell, R.; and Canaris, A. G., 1969 a
Western Montana

Salmincola californiensis (Dana 1852)
structure, attachment organ
Kabata, Z.; and Cousens, B., 1972 a, figs.

Salmincola californiensis (Dana 1852)
life cycle, morphology of all stages
Oncorhynchus nerka (exper.)
Kabata, Z.; and Cousens, B., 1973 a, figs.

Salmincola edwardsii (Olsson) Wilson
morphology and attached stages, first copepodid larva
Fasten, N., 1919 a, pls. 21-28, figs. 1-35

Salmincola extumescens (Gadd 1901)
structure, attachment organ
Kabata, Z.; and Cousens, B., 1972 a, fig.

Salmincola salmoneus (Linnaeus)
structure, attachment organ
Kabata, Z.; and Cousens, B., 1972 a, figs.

Salmincola salmonea (L.)
salmon (gill filaments)
O'Riordan, C. E., 1966 a
Ireland: River Blackwater, Co. Meath

Salmincola thymalli (Kessler 1868)
structure, attachment organ
Kabata, Z.; and Cousens, B., 1972 a, fig.

Saphiopsylla bishopi (Jordan)
Clethrionomys gapperi loringi
Buckner, C. H.; and Blasko, G. G., 1969 a
Manitoba

Sapphirinidae, Thorell
includes: Lichomolgus, Thorell (1859)
Brady, G. S., 1880 a, 39
British Isles

Sarcophaga carnaria
myiasis, domestic animals, review
Chirinos Rodríguez, A. R., 1972 a, fig.

Sarcophaga macroauriculata Ho
intestinal myiasis
man (feces)
leopard (feces)
Dasgupta, B.; Guin, R.N.; and Roy, P., 1972 a
all from Darjeeling, West Bengal, India

Sarcophagidae
description
Herms, W. B., 1944 a

[Sarcoptes] sarcoptic mange
hide damage, economic importance, sheep
Bwangamoi, O.; and DeMartini, J., 1970 a
East Africa

Sarcoptes
man, oral thiabendazole
Hernández-Pérez, E.; and Bechelli, C. A. C., 1969 a

[Sarcoptes] sarcoptic mange
insecticides, hog
Nolan, M. P. (jr.), 1971 a

Sarcoptes
Norwegian scabies, possible relationship to mongolism and psoriasis, case reports, treatment with methotrexate
Ward, W. H., 1971 a
Australia

[Sarcoptes sp.] gale sarcoptique
martre
Bouvier, G.; Burgisser, H.; and Schneider, P. A., 1962 a
Suisse

Sarcoptes sp.
transmission, cat to man
Lindquist, W. D.; and Cash, W. C., 1973 a

Sarcoptes sp.
Sylvilagus palustris
Stringer, R. P.; Harkema, R.; and Miller, G. C., 1969 a
North Carolina

Sarcoptes canis
neomycin, bacitracin, penimepicicline
dogs
Aller Gancedo, B.; Martinez Fernández, A.; and Gonzalo Cordero, J. M., 1969 a, figs.

Sarcoptes canis Gerlach, 1857
Vulpes vulpes
Hinaidy, H. K., 1971 a
Austria

Sarcoptes scabiei
children, clinical review, diagnosis, transmission, treatment
Alexander, J. O'D., 1969 a, figs.

Sarcoptes scabiei
man, clinical aspects, diagnosis, increased incidence
Belfort, E.; and Sardi, J. R., 1971 a
Venezuela

Sarcoptes scabiei
humans, recovered from skin tunnels
Bhattacharya, N.C.; Banerjee, A. K.; and Sur, S., 1967 a
Calcutta, India

Sarcoptes scabiei
immunological unresponsiveness caused by topical fluorinated steroids, human
Burgess, I., 1973 a

Sarcoptes scabiei
human dermatitis, clinical aspects, diagnosis, review
Daniel, F., 1970 a

Sarcoptes scabiei
man, scabies after cat scratch, case report
Haufe, U.; Meyer, D.; and Haufe, F., 1966 a

Sarcoptes scabiei
humans, etiology, diagnosis, clinical review, 5-year survey hospital patients
Hernandez-Perez, E., 1971 a, fig.
El Salvador

Sarcoptes scabiei
Fenoform-forte, Scabilan
Thalarctos maritimus
Euarctos americanus
Ursus arctos
Hojovcová, M.; and Jedlička, J., 1972 a
all from Zoological Gardens, Brně

Sarcoptes scabiei
infants, case reports
Hurwitz, S., 1973 a, figs.

Sarcoptes scabiei
survey
Orkin, M., 1971 a

Sarcoptes scabiei
dog (ear)
Persson, L., 1973 a
Sweden

Sarcoptes scabiei
review
Richardson, B. D., 1972 a

Sarcoptes scabiei
man, clinical review, uniscab lotion, good results
Saikia, T. C., 1967 a
India

Sarcoptes scabiei
morphology
Šamšiňák, K., 1970 a

Sarcoptes scabiei
Vulpes vulpes
Schweizer, R., 1949 a
Switzerland

Sarcoptes scabiei
recovery, diagnosis
Ševcová, M., 1971 a

Sarcoptes scabiei var. canis
red foxes and wild canids, reservoir hosts
Stone, W.B. (jr.); Parks, E.; Weber, B.L.; and Parks, F. J., 1972 a

Sarcoptes scabiei var. caprae
goats
Griffiths, R. B.; Zamirdin, M.; and Tan Boon Eng, 1969 a
Selangor, Malaysia

Sarcoptes scabiei var. caviae
laboratory animals, gamma BHC
van Aswegen, P. I. M.; Hesse, P.; and Howell, C. J., 1971 a

Sarcoptes scabiei var. hominis
Norwegian scabies, man, as complication of pemphigus foliaceus, clinical review, diagnosis
Garzon, R.; and Magnani, A., 1968 a
Argentina

Sarcoptes scabiei var. hominis
humans, clinical aspects, topical thiabendazole
Henríquez L., C. E.; Bastidas, G. J.; and Miret, O., 1973 a
Venezuela

Sarcoptes scabiei var. hominis
humans, changed symptoms, topical thiabendazole
Henríquez L., C. E.; Bastidas, G. J.; and Miret, O., 1973 b
figs.
Venezuela

Sarcoptes scabiei hominis
institutionalized mentally ill patient, case report, diagnosis
Herridge, C. F., 1963 a
Epsom, Surrey, England

Sarcoptes scabiei hominis
thiabendazol, children, not effective
Ruiz-Maldonado, R.; Tamayo Sanchez, L.; Blanco Ibañez, B.; and Hoffmann Mendizábal, A., 1973 a

Sarcoptes scabiei humanae
humans, increased incidence
Borelli, D., 1970 a, fig.
Venezuela

Sarcoptes scabiei var. precox
laboratory animals, gamma BHC
van Aswegen, P. I. M.; Hesse, P.; and Howell, C. J., 1971 a

Sarcoptes scabiei var. suis
pigs
Griffiths, R. B.; Zamirdin, M.; and Tan Boon Eng, 1969 a
Selangor, Malaysia

Sarcoptes scabiei var. suis
gamacid, Neguvon, swine
Žuković, M., 1970 b, fig.

Sarcoptes suis
acaricides, swine
Behrens, H.; Matschullat, G.; and Müller, E., 1973 a

Sarcoptiform[es]
nomenclatural systems, idiosomal chaetotaxy
Atyeo, W. T.; and Gaud, J., 1971 c

Sarcotretes
Lernaeoceridae, key
Kabata, Z., 1972 a

Sarna. See [Scabies]

Sasacarus (Multisetosa) persicus n. sp.
Meriones persicus
Citellus fulvus
Vercammen-Grandjean, P. H.; Rohde, C. J. (jr.); and Mesghali, H., 1970 a, 773, 776, 783, fig. 19a-f
Teheran, Iran
Meshed, Iran

Sasatrombicula (Sasatrombicula) mediterranea n. sp.
Rhinolophus hipposideros
Kolebinova, M.; and Vercammen-Grandjean, P. H., 1971 a, 91,93,94, fig. 2
"Crionerida" cave, v. Vafes (Crete)

Scabies
human, acute glomerulitis
Allen, B. R., 1972 a

Scabies
man, differential diagnosis, gluteal-triangle-symptom
Arutiunov, W. J., 1970 a

Scabies
college students, diagnosis, epidemiology
Arya, O. P.; and Bennett, F. J., 1968 a
Uganda

Scabies
increased incidence, man, lindane therapy, need for registration and examination of first contact persons and infection sources
Barthelmes, H.; and Barthelmes, R., 1971 a
Germany

Scabies
child, complicated by persistant pruritis
Belšan, I.; Trnka, J.; and Záruba, F., 1970 a
Czechoslovakia

Scabies
Vulpes vulpes
Bouvier, G., 1965 b
Switzerland

[Scabies] sarna
humans, case reports
Calandra, R.; Mosto, S.; and Molteni, H., 1962 a
La Plata, Argentina

Scabies
Lazin, buffalo calves, poultry, canines, no side effects
Chowdary, Ch., 1972 a

Scabies
insecticides, hogs
Cutkomp, L. K.; and Solac, R. B., 1971 a

Scabies
humans, clinical aspects
Danda, J., 1970 a
Czechoslovakia

Scabies
follicular, clinical study, diagnosis, treatment
Euzeby, J. A., 1970 a

Scabies
human, case history, monocytic leukaemia
Evans, D. I.K., 1973 a

Scabies
man, bites, stings, dermatitis, clinical review, differential diagnosis
Frazier, C. A., 1968 a

Scabies
epidemic, human, no increased nephritis
Gordon, W., 1972 a
Cape Town, South Africa

Scabies
man, associated with Down's disease, differential diagnosis from psoriasis
Hyman, D., 1973 a

Scabies
human, animal, treatment, review
Ive, F. A., 1973 a

Scabies
prevention, control, ruminants
Jolivet, G., 1971 a

Scabies
human, increased incidence, lindane topically
Kleine-Natrop, H. E.; Roder, H.; and Kadner, H., 1970 a
Germany

Scabies
humans, acaricides, review
Klíma, J., 1970 a
Czechoslovakia

Scabies
human, lindane treatment of underclothing — Klíma, J.; and Danda, J., 1971 a

Scabies
man, diagnosis, clinical review, prevalence — Kocsard, E., 1967 a

Scabies
psoroptic, chorioptic, sarcoptic, committee report, U. S. Livestock sanitary association, sheep, cattle — Koutz, F. R., 1966 b

Scabies
human, complicated by leukemia — Logan, J.C.P.; Grant, P.W.; and Keczkes, K., 1967 a Scotland

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human skin, differential diagnosis — Lüders, G., 1970 a Mediterranean area immigrants to Germany

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child, disseminated epidermal nodules, case report — Marghescu, S.; and Ziethen, H., 1968 a

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child, case report, associated with leukemia, epidermodysplasia verruciformis, and condylomatosis — Mariotti, A.; and Rafelli, G., [1968 a]

Scabies
humans, DDT and benzyl benzoate as disinfectants for prevention and control — Měrka, V., 1970 a Czechoslovakia

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human, diagnosis, mineral oil — Muller, G.; Jacobs, P. H.; and Moore, N. E., 1973 a

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human, diagnosis, treatment, review — Mustakallio, K. K., 1965 a Finland

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sarcoptic, control chart — Norrish, J. G.; and Oliver, P. G., 1970 a

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child, persistent itching, urticaria, case report — Oberste-Lehn, H.; and Baggesen, I., 1968 a

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humans, increased occurrence — Obrtel, J., 1970 a Czechoslovakia

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incidence, human — Palička, P.; Mališ, L.; and Zwyrtek, K., 1971 a Karvina region

Scabies
epidemiological analysis, increased incidence, human — Palička, P.; and Měrka, V., 1971 a Karviná, Czechoslovakia

Scabies
human dermatological diseases, clinical aspects — Pillsbury, D. M.; and Hambrick, G. W. (jr.), 1965 a

Scabies
dieldrin, ovine — Ramisse, J., 1962 a

Scabies
human, associated with Mongoloidism and psoriasis — Schmidt, U.; and Standau, H., 1968 a

Scabies
human, increased incidence, clinical aspects, control measures, lindane — Sönnichsen, N.; Barthelmes, R.; and Barthelmes, H., 1970 a Jena

Scabies
man, increasing incidence, epidemiology, clinical aspects — Sönnichsen, N.; Barthelmes, H.; and Barthelmes, R., 1971 a Germany

Scabies
humans, balsam of Peru — Tatulli, A., 1963 a

Scabies
human with lymphatic leukaemia, confused diagnosis — Walshe, M., 1967 a

Scabies
humans, increased incidence, diagnosis, clinical aspects, gammahexachlorocyclohexane — Wozniak, K. D.; and Wienrich, I., 1972 a Germany

Scapuscutala Vercammen-Grandjean, 1960
subgen. of Microtrombicula, redescription
key to larvae, American — Webb, J. P. (jr.); and Loomis, R. B., 1971 a, 319-320, 328

Schistobrachia tertia Kabata 1970
structure, attachment organ — Kabata, Z.; and Cousens, B., 1972 a

Schizocoptes Lawrence, 1944
Schizocoptinae subf. n. — Fain, A., 1970 c, 299

Schizocoptes chrysochloris sp. n.
Chrysochloris leucorhina — Fain, A., 1970 c, 299 l'Inkisi, Congo

Schizocoptinae subf. n.
Labidocarpidae
includes: Lutrilichus g. n., Soricilichus g. n. — Fain, A., 1970 c, 298-299 type gen.: Schizocoptes Lawrence, 1944

Schizodectes n. gen.
Proctophyllodidae; Allodectinae — Park, C. K.; and Atyeo, W.T., 1972 a, 327-329, 331 tod: S. fenestralis (Trouessart 1885) n. comb.

Schizodectes fenestralis (Trouessart, 1885) n. comb. (tod)
Syns.: Proctophyllodes (P.) fenestralis Trouessart, 1885; P. fenestralis Poppe, 1888; Alloptes fenestralis Canestrini and Kramer, 1899 — Park, C. K.; and Atyeo, W.T., 1972 a, 329, 330, 331-333, figs.

Schizodectes hiterminalis n. sp. — Park, C. K.; and Atyeo, W. T., 1972 a, 327, 332, 333, figs. 6-7
Phaethornis superciliosus muelleri — Belém, Pará, Brazil
P. a. anthophilus — Petrólea, Norte del Santander, Colombia

Schoengastia (Endotrombicula) sp.
Granularion n. sp. — Vercammen-Grandjean, P.H.; Benoit, P.L.G.; and Van Mol, J. J., 1970 a, fig. Mont Loma, Sierra Leone

Schöngastia disparunguis, Buitendijk, 1945
as syn. of Walchia (Walchia) disparunguis (Oudemans, 1929) — Vercammen-Grandjean, P. H., 1971 c, 2

Schongastia indica — Varma, R. N.; and Mahadevan, B., 1971 a Eastern Himalayas, India

Schongastia kohlsi — Varma, R. N.; and Mahadevan, B., 1971 a Eastern Himalayas, India

Schongastia lanius — Varma, R. N.; and Mahadevan, B., 1971 a Eastern Himalayas, India

Schoengastia pobsa sp. n. — Brennan, J. M.; and Amerson, A. B., 1971 a, 1311, 1312, fig. 1
nesting area — McKean Island
Psittarostra cantans — Laysan Island
Phaethon rubricauda — Phoenix Island
Puffinus nativitatis — " "
Oryctolagus cuniculus — " "

Schoengastia rubi rubi — Canaris, A. G.; and Ogambo-Ongoma, A. H., 1973 a
Ablepharus bountonii africanus — Kenya

Schoengastia saurella sp. n. — Brennan, J. M.; and Amerson, A. B., 1971 a, 1311-1312
Cryptoblepharus boutoni — Baker Island; Howland Island; Enderbury Island; Hull Island; Sydney Island
Lepidodactylus lugubris — Bikar Atoll; Fanning Island; Howland Island

Schoengastia (Endotrombicula) vanmoli n. sp. — Vercammen-Grandjean, P. H.; and Benoit, P. L. G., 1971 a, 181-184, 185-186, figs. 1-6.
Granularion lomaensis (intradermique) — Sierra Leone

Schoutedenichia dogieli sp. n. — Muliarskaia, L. V., 1971 a, 1184-1186, fig. 2
Mus musculus — all from Azerbaidzhan
Meriones persicus
M. vinogradovi
Microtus arvalis

Schoutedenichia montchadskyi sp. n. — Muliarskaia, L. V., 1971 a, 1182-1184, fig. 1
Meriones persicus — all from Azerbaidzhan
M. vinogradovi
Apodemus sylvaticus

Schoutedenichia (Brennanichia) rohdeae n. sp. — Vercammen-Grandjean, P. H.; Rohde, C. J. (jr.); and Meshghali, H., 1970 a, 773, 776, 782-783, fig. 17a-f
Meriones persicus — Ghazvin, Iran

Schoutedenichia unicolor Schluger, 1968 — Muliarskaia, L. V.; et al., 1971 a
geographic and seasonal distribution — Western Azerbaidzhan

Schoutedenocoptes americanus Fain and Hyland, 1967 — Pence, D. B., 1972 e, figs.
description of male Coccyzus americanus — Mandeville, Louisiana

Scipio aulacodi (Neumann) — Kim, K. C.; and Emerson, K. C., 1970 a, 394
Thryonomys swinderianus — Mozambique

Scipio breviceps Ferris — Kim, K. C.; and Emerson, K. C., 1970 a, 395
Thryonomys swinderianus — Mozambique

Scolecicara n. gen. — Ho, J. S., 1969 a, 111, 120, 122
Taeniacanthidae — tod: S. humesi n. sp.

Scolecicara humesi n. sp. (tod) — Ho, J. S., 1969 a, 111, 121-126, figs. 18-34
Porichthys porosissimus (gill filaments) — St. George Sound, off Carrabelle, Florida

Scottomyzon gibberum — Röttger, R., 1969 a, figs.
ecology, postlarval development — Helgoländer Austernbank, Southern North Sea
Asterias rubens

Screwworm. [See also Cochliomyia]

Screwworm — Koutz, F. R., 1966 b
committee report, U. S. Livestock sanitary association

Screwworm — Smith, C. L., 196[illegible] a
sterile males, production plant description

Sebekia oxycephala (Diesing, 1836) — Deakins, D. E., 1971 a
alligators — Blackbeard Island National Wildlife Refuge, McIntosh County, Georgia

Sebekia oxycephala — Dukes, G. H. (jr.); Shealy, R. M.; and Rogers, W. A., 1971 a
Micropterus salmoides — [illegible]ake St. John, Concordia Parish, Louisiana
Chelydra serpentina (exper.) (lungs)

Selenonycha new genus — Kethley, J. B., 1970 a, 1, 2, 17, 31, 32, 33
Syringophilidae, key — tod: S. baltoda new sp.

Selenonycha baltoda, new gen., new sp. (tod) — Kethley, J. B., 1970 a, 1, 31, 34, figs. 18-19
Charadrius w. wilsonia — Cameron Parish, Louisiana

Sinergasilus lieni — Musselius, V. A., 1969 a
Hypophthalmichthys molitrix — all from European USSR
Aristichthys nobilis

Sinergasilus major — Babaev, B., 1969 a
fish disease — Karakum canal

Sinergasilus major — Musselius, V. A., 1969 a
Ctenopharyngod n idella — European USSR

Sinergasilus major (Markewitsch, 1940) — Osmanov, S. O., 1971 a, 237
Ctenopharyngodon idella (gills) — Uzbekistan

Siphona irritans — Gamal-Eddin. F. M., 1968 a
biting cycle — Egypt

Siphonaptera — Brinck-Lindroth, G.; and Smit, F.G.A.M., 1971 a
checklist of fleas of Sweden

Siphonaptera — Eichler, W., 1969 b
infraspecific evolution, review

Siphonaptera — Herms, W. B., 1944 a
description

Siphonaptera — Hopkins, G. H. E.; and Rothschild, M., 1966 a, 549 pp.
illustrated catalogue

Siphonaptera — Hopkins, G. H. E.; and Rothschild, M., 1971 a, 530 pp.
illustrated catalogue

Siphonaptera — Suciu, M., 1973 a
geographical distribution, review — Romania

Siphonaptera — Turner, E. C. (jr.), 1971 a
wild birds, review

Smitipsylla gen. n. — Lewis, R. E., 1971 e, 1354-1355
Ceratophyllidae — tod: S. maseri sp. n.

Smitipsylla maseri sp. n. (tod) — Lewis, R. E., 1971 e, 1354, 1355-1361, figs. 1-14
Petaurista elegans caniceps — Nepal, Phulung Ghyang, Newakot district
Callosciurus pygerythrus lokroides — Nepal, Popti La
Dremomys lokriah — Nepal
Soriculus nigrescens — Nepal

Solenopotes binipilosus — Kellogg, F. E.; Kistner, T. P.; Strickland, R. K.; and Gerrish, R. R., 1971 a
Odocoileus virginianus — Alabama; Florida; Georgia; North Carolina; South Carolina

Solenopotes capillatus — Hellén, W., 1952 a
Finland

Solenopotes capillatus — Kim, S. K., 1968 b
incidence — Korea
cattle

Solenopotes capillatus — Ribbeck, R., 1972 a
dairy cattle

Solenopotes capillatus — Ryan, A. F., 1971 a
treatment, cattle — Tasmania

Solenopotes capillatus — Spencer, G. J., 1966 a
Enderlein — British Columbia
Bos taurus

Solenopotes ferrisi — Spencer, G. J., 1966 a
(Fahrenholz) — all from British Columbia
Odocoileus hemionus columbianus
Cervus canadensis
Tamiasciurus hudsonicus columbiensis

Solenostoma scutatum — Giesbrecht, W., 1895 b, 179
Brady and Robertson
as syn. of Acontiophorus scutatus Brady and Robertson

Soricilichus g. n. — Fain, A., 1970 c, 300
Labidocarpidae — tod: S. scutisorex sp. n.

Soricilichus scutisorex — Fain, A., 1970 c, 300
g. n., sp. n. (tod) — Ibembo, Congo
Scutisorex congolensis

Spelaeorhynchus praecursor — Dusbábek, F., 1970 a
Neumann, 1902 — El Beral, Cuba
Artibeus jamaicensis

Speleocola secunda Brennan — Brennan, J. M.; and Lukoschus,
and Jones, 1960 — F. S., 1971 a
Carollia perspicillata — all from Surinam
Saccopteryx bilineata (ventral wing membrane)

Speleocola secunda Brennan — Loomis, R. B., 1969 a
and Jones — Yucatan Peninsula, Mexico
Peromyscus yucatanicus

Spilopsyllus cuniculi — Boag, B., 1972 a
Oryctolagus cuniculus — Northumberland, England

Spilopsyllus cuniculi — Fairley, J. W., 1970 a
(Dale) — all from Ireland
Felis catus
Vulpes vulpes
Oryctolagus cuniculus

Spilopsyllus cuniculi — Peus, F., 1970 a
Lepus europaeus — all from Germany
Oryctolagus cuniculus

Spilopsyllus cuniculi — Roberts, C. J., 1972 a
(Dale) — Lancashire, Great Britain
Oryctolagus cuniculus

Spilopsyllus cuniculi — Williams, R. T., 1971 a
released on Oryctolagus — Lake Bathurst, N. S. W.
cuniculus, island population

Spilopsyllus cuniculi — Williams, R. T.; and Parer,
(Dale) — I., 1971 a
rabbit breeding as factor in dispersal — Australia
Oryctolagus cuniculus

Spinolaelaps jacksoni — Mahnert, V., 1971 a
Myotis oxygnathus — the Tirol, Austria

Spinturnicidae — Brès, P.; and Cornet, M.,
vectors, virus, bats — 1966 a
as reservoir hosts — Senegal

Spinturnicidae — Pan, Z.-W.; and Teng, K.-F.,
key to genera — 1973 a
includes: Periglischrus; Periglischrodes; Paraperiglischrus; Oncosceles; Ancystropus; Spinturnix; Meristaspis; Paraspinturnix; Eyndhovenia

Spinturnix — Pan, Z.-W.; and Teng, K.-F.,
Spinturnicidae, key — 1973 a

Spinturnix sp. — Mahnert, V., 1971 a
Myotis oxygnathus — the Tirol, Austria

Spinturnix acuminatus — Mahnert, V., 1971 a
Nyctalus noctula — the Tirol, Austria

Spinturnix acuminatus — Pan, Z.-W.; and Teng, K.-F.,
(Koch, 1836) — 1973 a
Scotophilus heathii — China

Spinturnix myoti — Mahnert, V., 1971 a
Myotis oxygnathus — the Tirol, Austria

Spinturnix psi (Kolenati, — Beron, P., 1971 a
1856) — France
Miniopterus schreibersi

Spinturnix psi (Kolenati, — Pan, Z.-W.; and Teng, K.-F.,
1856) — 1973 a
Miniopterus schreibersii fuliginosus — all from China
M. s. chinensis

Spinturnix setosus sp. — Pan, Z.-W.; and Teng, K.-F.,
nov. — 1973 a, 82, 85-86, 88, figs.
Myotis sp. — 5-7
Fukien Province, China

Splendoroffula corythaeolae — Tendeiro, J., 1958 g
Corythaeola cristata — Angola
cristata

Stachiella mustelae — Emerson, K. C., 1971 a
(Schrank, 1803) — Nepal
Mustela sibirica

Stakyonemus gen. n. — Atyeo, W. T.; and Gaud, J.,
Pterolichidae — 1971 b, 152, 158
mt: Pterolichus (P.) hystrix Trouessart, 1898

Steatonyssus brucei Lavoipierre, 1956 — Okereke, T.A., 1970 a
Nigeria

Steatonyssus musculi — Davydov, G.S.; and Morozova,
(Schrank, 1803) — I.V., 1970 a
Vespertilio pipistrellus — all from Tadzhikistan
Meriones erythrourus

Steatonyssus spinosus — Beron, P., 1971 a
Willmann, 1936 — France
Rhinolophus ferrumequinum

Steatonyssus spinosus — Mahnert, V., 1971 a
Nyctalus noctula — all from the Tirol, Austria
Myotis oxygnathus

Stellicomes pambanensis — Humes, A. G., 1971 a
Padmanabha Rao, 1964
transferred to Astroxynus gen. n.

Stellicomes supplicans — Humes, A. G., 1971 a, 1330-
sp. n. — 1334, 1336, figs. 1-20
Asterodiscus elegans — southwest of Isles Mitsio, Madagascar

Stellicomes tumidulus — Humes, A. G., 1971 a
Humes and Cressey, 1958 — Madagascar, all from
Pentacaraster mammillatus
Poraster superbus
Halityle regularis

Stenepteryx Leach, 1817 — Vanschuytbroeck, P., 1968 a, 3
as syn. of Crataerina Olfers, 1816

Stenepteryx hirundinis — Bersot, E., 1934 a
+hirondelle de fenêtre (nid)

S[tenepteryx] nipponica Kishida, 1932
as syn. of Crataerina hirundinis Linné, 1758
Vanschuytbroeck, P., 1968 a, 4

Stenhelia blanchardi sp. n.
Scott, T.; and Scott, A., 1895 a, 353-354, 361, pl. XV, figs. 1-10
Arisaig, Argyllshire

Stenischia n. sp.
Hyperacrius wynnei
H. fertilis
H. sp. 3
Traub, R.; and Evans, T. M., 1967 b, 655
all from W. Pakistan

Stenischia pagiana n. sp.
Soriculus nigrescens
Lewis, R. E., 1969 a, 872-876, figs. 1-6
Tarke Gyang, Helembu District; Uring Ghang, Bagmati Zone, Nuwakot District, Nepal

Stenistomera alpina
Neotoma cinerea
Allred, D. M., 1968 a
National Reactor Testing Station, Idaho

Stenistomera macrodactyla
Neotoma cinerea
Peromyscus maniculatus
Allred, D. M., 1968 a
all from National Reactor Testing Station, Idaho

Stenistomera macrodactyla
Peromyscus maniculatus
Douglas, C. L., 1969 a, 493
Mesa Verde National Park, Colorado

Stenoponia americana (Baker)
Clethrionomys gapperi loringi
Microsorex hoyi hoyi
Blarina brevicauda manitobensis
Buckner, C. H.; and Blasko, G. G., 1969 a
all from Manitoba

Stenoponia (americana or ponera)
Peromyscus maniculatus
P. truei
Douglas, C. L., 1969 a, 493
all from Mesa Verde National Park, Colorado

Stenoponia americana (Baker)
Peromyscus sp.
Blarina brevicauda
Holland, G.P.; and Benton, A. H., 1968 a
all from Pennsylvania

Stenoponia americana (Baker)
Layne, J. N., 1971 a
Florida

Stenoponia americana (Baker)
Microtus pennsylvanicus
Quackenbush, R. E., 1971 a
Grout Pond, Windham County, Vermont

Stenoponia americana (Baker)
Peromyscus leucopus
Schiefer, B. A.; and Lancaster, J. L. (jr.), 1970 a
Arkansas

Stenoponia americana
Blarina brevicauda
Whitaker, J. O. (jr.); and Mumford, R. E., 1972 a
Indiana

Stenoponia (ponera or americana)
Peromyscus maniculatus
P. truei
Douglas, C. L., 1969 a, 493
all from Mesa Verde National Park, Colorado

Stenoponia tripectinata medialis Jordan, 1958
Meriones tristrami
Sonenshine, D. E.; and Ziv, M., 1971 a
Israel

Stenoponia tripectinata tripectinata (Tiraboschi 1902)
Microtus agrestis
Beaucournu, J.-C., 1973 a
France

Steptolaelaps liomydis (Grant)
Liomys irroratus texensis
Eads, R. B.; Treviño, H. A.; and Campos, E. G., 1965 a
Cameron County, Texas

Sternopsylla distincta distincta (Rothschild)
Myotis sp.
Giménez, D.F.; Ciccarelli, C. A.; and de la Barrera, J. M., 1964 a
Argentina

Sternopsylla distincta texana (C. Fox)
Tadarida brasiliensis
Myotis austroriparius
Layne, J. N., 1971 a
all from Columbia County, Florida

Sternostoma boydi Strandtmann, 1951
Totanus melanoleucus
Larus argentatus
Sterna hirundo
Larus delawarensis
Pence, D.B., 1972 f
all from Louisiana

Sternostoma bruxellarum Fain 1961
Sturnus vulgaris
Sixl, W., 1969 a
Steiermark

Sternostoma dumetellae sp. n.
morphological comparisons with S. technaui, S. spatulatum
Dumetella carolinensis
Pence, D. B., 1972 f, 781, 784, 785-786, figs. 7-12
Laplace, Louisiana; Mandeville, Louisiana

Sternostoma hirundinis Fain, 1956
Progne subis
Hirundo rustica
Pence, D. B., 1972 f
all from Louisiana

Sternostoma kelloggi Hyland and Clark, 1959
Toxostoma rufum
Pence, D. B., 1972 f
Louisiana

Sternostoma laniorum Fain 1956
Lanius collurio
Sixl, W., 1969 a
Steiermark

Sternostoma motacilli sp.n.
Anthus spinoletta
Pence, D. B., 1972 f, 781, 782, 783, figs. 1-6
Laplace, Louisiana

Sternostoma porteri Hyland, 1962
Colaptes auratus
Pence, D. B., 1972 f
Louisiana

Sternostoma sialiphilus Hyland and Ford, 1961
Sialia sialis
Pence, D. B., 1972 f
Louisiana

Sternostoma spatulatum Furman, 1957
valid species, morphological comparisons with S. dumetellae sp. n. and S. technaui
Hylocichla guttata
Pence, D. B., 1972 f, figs.
Louisiana

Sternostoma strandtmanni Furman, 1957
Quiscalus quiscula
Cassidix mexicanus
Pence, D. B., 1972 f
all from Louisiana

Sternostoma tangarae Fain and Aitken, 1967
Piranga rubra
Pence, D. B., 1972 f
Louisiana

Sternostoma technaui Vitzthum, 1935
morphological comparisons with S. dumetellae sp. n., S. spatulatum
Syn.: S. turdi Zumpt and Till, 1955
Turdus migratorius
Pence, D. B., 1972 f
Louisiana

Sternostoma tracheacolum Lawrence, 1948
Iridoprocne bicolor
Myiarchus crinitus
Molothrus ater
Pence, D. B., 1972 f
all from Louisiana

Sternostoma tracheacolum
Gouldian finches (trachea, lungs and air sacs)
canaries (tracheae and nasal cavities)
Riffkin, G. G.; and McCausland, I. P., 1972 a, figs.
all from New Zealand

Sternostoma tracheacolum Lawrence 1948
Parus major
Coccothraustes coccothraustes
Sixl, W., 1969 a
all from Steiermark

Sternostoma turdii Zumpt and Till, 1955
as syn. of S. technaui Vitzthum, 1935
Pence, D. B., 1972 f

Stibarokris new genus
Syringophilidae, key
Kethley, J. B., 1970 a, 1, 3, 16, 62
tod: S. phalacrus n. sp.

Stibarokris phalacrus new gen., new sp. (tod)
Phalacrocorax auritus
Kethley, J. B., 1970 a, 1, 62, fig. 36
Pigeon Key, Monroe County, Florida

Stivalius aporus
Tatera indica
Mus p. platythrix
Rattus m. meltada
Chandrahas, R. K.; and Krishnaswami, A. K., 1971 a
all from Kolar, India

Stivalius aporus
Mus p. platythrix
Chandrahas, R. K.; and Krishnaswami, A. K., 1971 b
India

Stivalius pirloti Smit, 1958
Funisciurus pyrrhopus
Praomys natalensis
Ribeiro, H., 1969 a, figs.
all from Angola

Stivalius rahmi n. sp.
Malacomys longipes centralis
Beaucournu, J. C., [1970 a], 777-783, figs. 1-8
région du Lac Kivu

Stivalius smitianus sp. nova
Malacomys longipes
Praomys sp.
Praomys ou Hylomyscus
Beaucournu, J. C., 1966 d. 392-393, 394. figs. 1-4
all from Makokou, Gabon

Stomoxys
distribution, history, disease carriers
Austen, E. E., 1966 a, 136-162
Africa

Stomoxys calcitrans
repellent, horses
Blume, R. R.; Roberts, R. H.; Eschle, J. L.; and Matter, J. J., 1971 a

Stomoxys calcitrans
insecticides
Campbell, J. B.; and Hermanussen, J. F., 1971 a

Stomoxys calcitrans
cattle, dichlorvos, naled, fenthion, Shell SD-8447
Campbell, J. B.; and Raun, E. S., 1971 a

Stomoxys calcitrans
insecticides, screening
Drummond, R. O.; Darrow, D. I.; and Gladney, W. J., 1971 a

Stomoxys calcitrans
development inhibited in feces of cattle treated orally with juvenile hormone analogue
Harris, R. L.; Frazer, E. D.; and Younger, R. L., 1973 a

Stomoxys calcitrans
review, biometrics, climatic influences, life cycle, breeding sites, life history, process of hatching, disease transmission, control
Krishnarantlasivam, K., 1972 a

Stomoxys calcitrans
biological control, chemosterilized adults
LaBrecque, G. C.; Meifert, D. W.; and Rye, J. (jr.), 1972 a

Stomoxys calcitrans
flight activity patterns, aktograph
Miller, J. A.; Eschle, J. L.; and Berry, I. L., 1969 a

Stomoxys calcitrans
glucose utilization
Nayar, J. K.; and van Handel, E., 1972 a

Stomoxys calcitrans
feeding behavior, Trypanosoma congolense transmission, rats and rabbits
Riordan, K., 1972 a

Stomoxys calcitrans
potential arbovirus vector, cattle, buffalo
Standfast, H. A.; and Dyce, A. L., 1972 a
Australia

Stomoxys calcitrans
laboratory rearing and management
Stones, L. C., 1966 a

Stomoxys calcitrans
insecticides, barns
Treece, R. E.; and Molinero, J. A., 1972 a
Ohio

Stomoxys calcitrans
control, poultry houses, insecticide
Wetzel, H.; and Lüders, H., 1971 a

Stomoxys calcitrans
20-hydroxyecdysone, ovarian maturation inhibition, lipid synthesis in vitellogenesis
Wright, J. E.; Chamberlain, W. F.; and Barrett, C. C., 1971 a

Stomoxys calcitrans
control, hymenopteran parasite plus insect juvenile hormone analogs
Wright, J. E.; and Spates, G. E., 1972 a

Straelensia africana [n. sp.]
Herpestes sanguineus
Verçammen-Grandjean, P. H., 1971 a, 99-103, fig. 1
Mafeking, Transvaal (South Africa)

Strelkoviacarus quadratus
Passer domesticus domesticus
Lalitha, C. M.; and Alwar, V. S., 1973 a

Strelkoviacarus quadratus (Haller, 1882) W. Dub. 1953
description
Parus caeruleus
Shumilo, R. P.; and Loïanich, A. A., 1968 a, fig.
Moldavia

Strepsiptera
handbook on parasitic insects
Askew, R. R., 1971 a

Stricticimex
Cacodminae, key
Bernard, M. R., 1970 a

Strigiphilus sp.
Aegolius acadicus
Woods, J. G., 1971 a
Toronto and Vineland, Ontario, Canada

Strigiphilus (= Philopterus) cursor (Nitzsch)
Aegolius acadicus
Woods, J. G., 1971 a
Ontario, Canada

Strobiloestrus Brauer
Hypodermatini, key
Wetzel, H., 1972 a

Struthiolipeurus renschi Eichler, 1943
description, male
Ziegler, H., 1971 a, figs.

Struthiolipeurus struthionis (Gervais)
Syn.: Philopterus struthionis Gervais in Walckenaer 1844
Struthio camelus australis
Tendeiro, J., 1958 f, 239, pl.
Mozambique

Sturnidoecus sp.
[Passer montanus]
Shcherbinina, A. Kh.; and Kurbanova, D. B., 1969 a
Ashkhabad

Sturnophagoides (Kivuicola) kivuana spec. nov. (tod of subgen.)
Perodicticus potto (peau)
Fain, A., 1971 a, 4-5, figs. 3-4
Mutwanga, Kivu, République Démocratique du Congo

Stylidia biarticulata (Hermann, 1804)
Rhinolophus ferrumequinum
R. euryale
R. e. meridionalis x Myotis blythi oxygnathus
Hůrka, K., 1970 b
Korsika, Patrimonio
Korsika, Ponte Leccia
Tunis

Sunaristes
key to species
includes: Sunaristes dardani; S. paguri; S. tranteri; S. inaequalis
Hamond, R., 1973 a, 177

Sunaristes paguri
Pagurus cuanensis
Diogenes pugilator
Turritella communis
Hamond, R., 1973 a, figs.
near Roscoff
Saint-Efflam
" "

Synosternus caffer (Jordan and Rothschild, 1923)
Lepus crawshayi
Paracynictis selousi
Ribeiro, H., 1969 a, figs.
all from Angola

Syringonomus new genus
Syringophilidae, key
Kethley, J. B., 1970 a, 1, 3, 56-59
tod: S. bulwerius n. sp.

Syringonomus bulwerius new gen., new sp. (tod)
Bulweria bulweria
Kethley, J. B., 1970 a, 1, 58, 59, figs. 34-35
Nihoa Island, Hawaiian Islands

Syringophilidae Lavoipierre 1953
revision, key to genera
Kethley, J. B., 1970 a

Syringophiloidus new genus
Syringophilidae, key
Kethley, J. B., 1970 a, 1, 2, 16, 48, 50
tod: S. minor (Berlese) new comb.

Syringophiloidus minor (Berlese) new comb. (tod)
Syn.: Syringophilus minor Berlese, 1887
Passer domesticus
Kethley, J. B., 1970 a, figs.
England; Georgia

Syringophiloidus seiurus (Clark) new comb.
Syn.: Syringophilus seiuri Clark, 1964
Seiurus aurocapillus
Kethley, J. B., 1970 a
Florida; South Carolina

Syringophilopsis new genus
Syringophilidae, key
Kethley, J. B., 1970 a, 1, 2, 17, 18, 21
tod: S. elongatus (Ewing) new comb.

Syringophilopsis elongatus (Ewing) new gen., new comb. (tod)
Syn.: Syringophilus elongatus Ewing, 1911; S. icteridae Clark, 1964
Kethley, J. B., 1970 a, figs.
Maryland; Georgia

Syringophilopsis fringilla (Fritsch) naw comb.
Syn.: Syringophilus fringillae Fritsch, 1958
Fringilla coelebs
Carduelis carduelis
Kethley, J. B., 1970 a
England
Morocco

Syringophilopsis hylocichla (Clark) new comb.
Syn.: Syringophilus hylocichlae Clark, 1964
Kethley, J. B., 1970 a

Syringophilopsis passerina (Clark) new comb.
Syn.: Syringophilus passerinae Clark, 1964
Passerina cyanea
Kethley, J. B., 1970 a
Florida

Syringophilopsis turdus (Fritsch) new comb.
Syn.: Syringophilus turdi Fritsch, 1958
Kethley, J. B., 1970 a

Syringophilus Heller
Syringophilidae, key
Kethley, J. B., 1970 a, 17, 18

Syringophilus sp.
Passer domesticus domesticus
Lalitha, C. M.; and Alwar, V. S., 1973 a
Madras

Syringophilus anthi Fritsch, 1958
incertae sedis
Kethley, J. B., 1970 a

Syringophilus bipectinatus Heller
Gallus gallus
Kethley, J. B., 1970 a, figs.
Ndumu, Zululand; Kansas; Colorado

Syringophilus bisetatus Fritsch, 1958
incertae sedis
Kethley, J. B., 1970 a

Syringophilus columbae (Hirst, 1920)
Columba livia
Brown, N. S., 1971 a
Boston

Syringophilus columbae Hirst, 1920
as syn. of Peristerophila columba (Hirst) new comb.
Kethley, J. B., 1970 a

Syringophilus dendroicae Clark, 1964
as syn. of Aulobia dendroicus (Clark) new comb.
Kethley, J. B., 1970 a

Syringophilus dryobatis Fritsch, 1958
as syn. of Picobia dryobatis (Fritsch) new comb.
Kethley, J. B., 1970 a

Syringophilus elongatus Ewing, 1911
as syn. of Syringophilopsis elongatus (Ewing) new comb.
Kethley, J. B., 1970 a

Syringophilus fringillae Fritsch, 1958
as syn. of Syringophilopsis fringilla (Fritsch) new comb.
Kethley, J. B., 1970 a

Syringophilus glandarii Fritsch, 1958
incertae sedis
Kethley, J. B., 1970 a

Syringophilus helleri Oudemans, 1904
as syn. of Niglarobia helleri (Oudemans) new comb.
Kethley, J. B., 1970 a

Syringophilus hylocichlae Clark, 1964
as syn. of Syringophilopsis hylocichla (Clark) new comb.
Kethley, J. B., 1970 a

Syringophilus icteridae Clark, 1964
as syn. of Syringophilopsis elongatus (Ewing) new comb.
Kethley, J. B., 1970 a

Syringophilus major Berlese, 1878
incertae sedis
Kethley, J. B., 1970 a

Syringophilus minor Berlese, 1887
as syn. of Syringophiloidus minor (Berlese) new comb.
Kethley, J. B., 1970 a

Syringophilus minor minor
Passer domesticus
Amirkhanov, F. M., 1973 a, fig.
Azerbaĭdzhan SSR

Syringophilus passerinae Clark, 1964
as syn. of Syringophilopsis passerina (Clark) new comb.
Kethley, J. B., 1970 a

Syringophilus seiuri Clark, 1964
as syn. of Syringophiloidus seiurus (Clark) new comb.
Kethley, J. B., 1970 a

Syringophilus totani Oudemans, 1904 — Kethley, J. B., 1970 a
as syn. of Creagonycha totana (Oudemans) new comb.

Syringophilus troglodytis Fritsch, 1958 — Kethley, J. B., 1970 a
incertae sedis

Syringophilus trouessarti Oudemans, 1904 — Kethley, J. B., 1970 a
as syn. of Niglarobia trouessarti (Oudemans) new comb.

Syringophilus turdi Fritsch, 1958 — Kethley, J. B., 1970 a
as syn. of Syringophilopsis turdus (Fritsch) new comb.

Syringophilus zenadourae Clark, 1964 — Kethley, J. B., 1970 a
as syn. of Peristerophila zenadoura (Clark) new comb.

Syringophilus zumpti Lawrence, 1959 — Kethley, J. B., 1970 a
as syn. of Picobia zumpti (Lawrence) new comb.

Taeniacanthodes gracilis Wilson, 1935
redescription
Paralichthys sp. (coelom)
Ho, J. S., 1969 a, figs.
Dry Tortugas, Florida

Taeniacanthodes gunteri Causey, 1953
description
"not different from T. gracilis ...decisive synonymization should be postponed until a study of further collections"
Citharichthys spiloterus (under surface)
Ho, J. S., 1969 a
Port Aransas, Texas

Taeniacanthodes haakeri sp. n.
Paralichthys californicus (fins)
Ho, J. S., 1972 a, 993, 996-997, figs. 19-34
Anaheim Bay, California

Taeniacanthus lagocephali Pearse, 1952
Syns.: T. sabafugu Yamaguti and Yamasu, 1959; Irodes lagocephali Pillai, 1963
redescription
Lagocephalus laevigatus (gills)
Ho, J. S., 1969 a, figs.
off Padre Island, Texas

Taeniacanthus sabafugu Yamaguti and Yamasu, 1959
as syn. of T. lagocephali Pearse, 1952
Ho, J. S., 1969 a

Tamiophila grandis (Rothschild)
Tamias striatus
Tamiasciurus hudsonicus
Mustela frenata
Holland, G.P.; and Benton, A. H., 1968 a
all from Pennsylvania

Tarsopsylla coloradensis
Tamiasciurus hudsonicus
Mahrt, J.L.; and Chai, S.J., 1972 a
Alberta, Canada

Tarsopsylla octodecimdentata
Sciurus vulgaris
Microtus arvalis
Peus, F., 1970 a
all from Germany

Tarsopsylla o. octodecimdentata (Kolenati, 1863)
Sciurus vulgaris
Beaucournu, J.-C.; and Gilot, B., 1971 a, 47
France

Tarsopsylla octodecimdentata octodecimdentata
Sciurus vulgaris
Martes martes
Vulpes vulpes
Mehl, R., 1971 a, figs.
all from Norway

Taurocheros salminisii, Brian, 1924
morphology
Salminus maxillosus
Paggi, J. C., 1972 a, figs.
río Paraná Medio

Tecomatlana alvarezi n. sp.
Myotis nigricans extremus
Natalus stramineus mexicanus
Loomis, R. B., 1969 a, 13-15, fig. 2A-G
Gruta de Balankanche, 5 km. E. Chichén-Itzá, Yucatán, México, all from

Tecomatlana (Hooperella) saccopteryx (Brennan and Jones)
Saccopteryx bilineata
Loomis, R. B., 1969 a
Yucatan Peninsula, Mexico

Tecomatlana (T.) sandovali Hoffmann
Peropteryx macrotis macrotis
Loomis, R. B., 1969 a
Yucatan Peninsula, Mexico

Tecomatlana (Hooperella) vesperuginis (Brennan and Jones, 1960)
Carollia perspicillata
Saccopteryx bilineata (wing membrane)
Glossophaga soricina (ventral wing membrane)
Brennan, J. M.; and Lukoschus, F. S., 1971 a
all from Surinam

Tecomatlana (Hooperella) vesperuginis (Brennan and Jones)
Artibeus jamaicensis yucatanicus
Loomis, R. B., 1969 a
Yucatan Peninsula, Mexico

Tecomatlana (Hooperella) yucatanica n. sp.
Tadarida laticaudata yucantanica [sic]
Loomis, R. B., 1969 a, 15-17, fig. 3A-G
Uxmal, Yucatán, México

Teinocoptes Rodhain, 1923
key to species, females
includes: Teinocoptes domrowi Fain, 1961; T. eidoloni Fain, 1959; T. ituriensis sp. n.; T. auricularis Fain, 1959; T. johnsoni Fain, 1963; T. asiaticus Fain et Domrow, 1961; T. aingworthi Mitchell et Fain, 1963; T. wilsoni Mitchell et Fain, 1963; T. katherinae Mitchell et Fain, 1963; T. strandtmanni Mitchell et Fain, 1963; T. haymani Fain, 1963; T. malayi Fain et Nadchatram, 1962; T. epomophori Rodhain, 1923; T. vandeuseni Mitchell et Fain, 1963; T. astridae Fain, 1959; T. rousetti Fain, 1959
Fain, A., 1967 o, 365, 366

Teinocoptes auricularis Fain, 1959
Hypsignathus monstrosus
Fain, A., 1967 o
Epulu (Congo)

Teinocoptes domrowi Fain, 1960
Pteropus giganteus
Mitchell, C. J., 1970 a
West Bengal, India

Teinocoptes ituriensis spec. nov.
Rousettus angolensis (corps)
key
Fain, A., 1967 o, 363-364, 365, figs. 1-2
Saliboko, sur le lac Albert

Temora
review of genus
Brady, G. S., 1880 a, 73

Teredicola typicus
Bankia australis
Teredo fragilis
T. furcifera
Lyrodus pedicellatus
Humes, A. G.; and Turner, R. D., 1972 a
Australia; New Zealand
Australia
"
Japan

Tetrapsyllus bleptus (Jordan & Rothschild)
Reithrodon caurinus
Phyllotis darwini vaccarum
Giménez, D.F.; Ciccarelli, C. A.; and de la Barrera, J. M., 1964 a
all from Argentina

Thalestris peltata (Boeck)
Syn.: Amenophia peltata Boeck
Scott, T.; and Scott, A., 1895 a, 354, pl. XV, figs. 11-15; pl. XVI, figs. 1-8
Firth of Forth

Theresiella gen. n.
Philopteridae
Guimarães, L. da R., 1971 a, 213
tod: T. hitchcocki sp. n.

Theresiella gemina sp. n.
Psitacella brehmii subsp.
Guimarães, L. da R., 1971 a, 213, 216-219, fig. 6
Uinba, Kubor Range, New Guinea

Theresiella hitchcocki gen. and sp. n. (tod)
Psitacella brehmii subsp.
Guimarães, L. da R., 1971 a, 213, 214-216, figs. 1-5
Kamang, Kubor Range, New Guinea

Thersitina gasterostei — Isakov, L. S., 1970 a
resistance to changes in salinity, Gasterosteus

Thomomydoecus n. subgen. — Price, R.D.; and Emerson, K C., 1972 a, 463, 464
subgen. of Geomydoecus
Trichodectidae, key to species
tod: G. (T.) jamesbeeri n. sp.

Thoracodelphys uniseta n. sp. — Stock, J. H.; and Humes, A. G., 1970 a, 205-208, 211, figs. 7-8
Parerythropodium fulvum ssp. fuscum
Madagascar

Thrassis sp. — Allred, D. M., 1968 a
Marmota flaviventris
Onychomys leucogaster
Peromyscus maniculatus
Spermophilus townsendii
all from National Reactor Testing Station, Idaho

Thrassis acamantis — Allred, D. M., 1968 a
Neotoma cinerea
National Reactor Testing Station, Idaho

Thrassis arizonensis Baker — Lang, J. D., 1972 a
Spermophilus tereticaudus neglectus
near Tucson, Arizona

Thrassis bacchi — Allred, D. M., 1968 a
Microtus montanus
National Reactor Testing Station, Idaho

Thrassis bacchi bacchi (Rothschild) — Kinzel, R. F.; and Larson, O. R., 1973 a
distribution
Citellus tridecemlineatus
North Dakota

Thrassis francisci — Allred, D. M., 1968 a
Dipodomys ordii
Peromyscus maniculatus
Spermophilus townsendii
all from National Reactor Testing Station, Idaho

Thrassis howelli — Allred, D. M. 1968 a
Marmota flaviventris
Neotoma cinerea
all from National Reactor Testing Station, Idaho

Thrassis pandorae — Allred, D. M., 1968 a
Onychomys leucogaster
Spermophilus townsendii
all from National Reactor Testing Station, Idaho

Thysanote multifimbriata Bassett-Smith, 1898 [n. comb.] — Pillai, N.K., 1971 b, figs.
redescription

Thysanote triloba n. sp. — Pearse, A. S., [1953 c], 227-229, figs. 111-116
Mycteroperca bonaci (gill cavity)
Gulf of Mexico

Tiamastus cavicola (Weyen.) — Bischoff de Alzuet, A. D., [1971 a], fig.
Dusicyon gymnocercus antiquus
Provincia de Buenos Aires

Tiamastus longinasus Jordan — Giménez, D.F.; Ciccarelli, C. A.; and de la Barrera, J. M., 1964 a
Microcavia a. australis
Ctenomys mendocinus mendocinus
all from Argentina

Tiamastus palpalis (Rothschild) — Giménez, D.F.; Ciccarelli, C. A.; and de la Barrera, J. M., 1964 a
Ctenomys brasiliensis
Conepatus castaneus proteus
Dusicyon griseus gracilis
all from Argentina

Tiamastus plesius Jordan — Giménez, D.F.; Ciccarelli, C. A.; and de la Barrera, J. M., 1964 a
Microcavia a. australis
Argentina

Tiarapsylla argentina Jordan, 1942 — Giménez, D.F.; Ciccarelli, C. A.; and de la Barrera, J. M., 1964 a
Ctenomys mendocinus
Microcavia a. australis
Phyllotis g. griseoflavus
Argentina, all from

Tick paralysis — Alt, H., 1971 a
survey, distribution, review

Tick paralysis — Boffey, G. C.; and Paterson, D. C., 1973 a
Dermacentor andersoni, elevation, creatine phosphokinase, female child

Tick paralysis — DeBusk, F. L.; and O'Connor, S., 1972 a
human, case report, Dermacentor variabilis

Tick paralysis — Gothe, R.; and Kraft, W., 1972 a
Argas (Persicargas) persicus, fowls

Tick paralysis — Gothe, R.; and Kunze, K., 1971 a
Argas (Persicargas) persicus, fowl, nerve fiber conduction

Tick paralysis — Gothe, R.; and Reithmüller, H., 1972 a
Argas (Persicargas) persicus, fowls

Tick paralysis — Gregson, J. D., 1958 d
Dermacentor andersoni, host susceptibility

Tick paralysis — Gregson, J. D., 1966 a
livestock, records, 1900-1965
British Columbia

Tick paralysis — Haller, J. S.; and Fabara, J. A., 1972 a
4-year-old girl, case report
Washington, D. C.

Tick paralysis — McLennan, H.; and Oikawa, I., 1972 a
neuromuscular junction, changes in function, Dermacentor andersoni, hamsters

Tick, Spinose ear. See [Otobius megnini]

Ticks. [See also Ixodoidea]

Ticks — Burges, H. D.; and Hussey, N. W., 1971 a
biological control by protozoa

Ticks — Camin, J. H.; George, J. E.; and Nelson, V. E., 1971 a
automatic collector, study of drop-off pattern

Ticks — Craven, C. P., 1970 a
control, cattle
Queensland

Ticks — Farber, G. A.; and Burks, J. W. (jr.), 1972 a
man, allergic reaction from pet's insecticide-treated collar

Ticks — Gresty, R. H. C., 1971 a
cattle, control, Supona dips

Ticks
organophosphates, dipping cattle, review — McCulloch, R. N.; and Barrow, L. J., 1970 a

Ticks
insecticides, beef cattle, sheep, goats — Miller, J. P., 1971 a

Ticks
prevention, piroplasmosis control, dairy cattle — Ohashi, Y., 1963 a

Ticks
human dermatological diseases, clinical aspects — Pillsbury, D. M.; and Hambrick, G. W. (jr.), 1965 a

Ticks
ixodid, acaricides — Poliakov, D.K.; and Tkachenko, A. A., 1972 a

Ticks
diagnosis, review, dogs and cats — Sloss, M. W., 1971 a

Ticks
genetics of resistance, acaricides, review — Stone, B. F., 1972 a

Ticks
rabbits, adjustable plastic collar to prevent removal of ear bags during feeding experiments — Watts, B.P. (jr.); Pound, J. M.; and Oliver, J.H. (jr.), 1972 a

Ticks
acaricide resistance, review — Wharton, R. H.; and Roulston, W. J., 1970 a

Ticks
vectors of Central European tick-borne encephalitis virus — Wyler, R.; et al., 1973 a
Schaffhausen, Switzerland

Tinaminyssus belopolskii Bregetova, 1950
(nasal passages of all) — Pence, D. B., 1972 a, 162-165, figs. 29-38
Florida caerulea — Laplace and Norco, Louisiana
Butorides virescens — Laplace and Cameron Parish, Louisiana
Leucophoyx thula — Laplace, Louisiana
Hydranassa tricolor — Cameron Parish, Louisiana

Tinaminyssus bubulci Zumpt and Till, 1955
Bubulcus ibis (nasal passages) — Pence, D. B., 1972 a, 160-162, figs. 19-28
Norco, Louisiana

Tinaminyssus halcyonus (Domrow)
Halcyon sancta (nasal passages) — Domrow, R., 1972 a
New Zealand

Tinaminyssus melloi (de Castro)
Columba livia (nasal passages) — Domrow, R., 1972 a
New Zealand

Tinaminyssus neoixobrychi sp. n.
Ixobrychus exilis (nasal passages) — Pence, D. B., 1972 a, 153, 164, 165-167, figs. 39-48
Norco, Louisiana

Tipula paludosa Meigen 1830
human (intestine) — Guegan, J., 1970 a, figs.
Vendée, France

Toritrombicula gygis sp. n.
Gygis alba (neck, breast) — Brennan, J. M.; and Amerson, A. B., 1971 a, 1311, 1314-1315, fig. 4
Phoenix Island

Toritrombicula oceanica sp. n.
Pluvialis dominica — Brennan, J. M.; and Amerson, A. B., 1971 a, 1311, 1315-1316, fig. 5
Pacific Ocean, 10°27'N, 176° 15'W

Toritrombicula thalassa sp. n.
Phaethon rubricauda
Gygis alba
Nesofregetta albigularis (leg) — Brennan, J. M.; and Amerson, A. B., 1971 a, 1311, 1315, 1316, fig. 6
Phoenix Island, Central Pacific, all from

Torotrogla new genus
Syringophilidae, key — Kethley, J. B., 1970 a, 1, 2, 16, 28-29
tod: T. mima new species

Torotrogla mima new gen., new sp. (tod)
Mimus polyglottos — Kethley, J. B., 1970 a, 1, 28, 31, figs. 16-17
Wayne County, Georgia

Torotrogla villosa (Hancock) new comb.
Syn.: Picobia villosa Hancock, 1895 — Kethley, J. B., 1970 a

Toucanectes dryocopi sp. n.
Dryocopus pileatus (subcutaneous tissues under skin of breast and neck) — Pence, D. B., 1971 a, 1318-1320, figs. 1-6
Laplace, Louisiana, USA

Toucanectes dryocopi Pence 1971
Dryocopus pileatus — Pence, D. B., 1972 b
Louisiana

Tracheliastes maculatus Kollar
Abramis brama — Halvorsen, O., 1971 b
river Glomma, south-eastern Norway

Tracheliastes maculatus Kollar
seasonality, temperature, occurrence and reproduction, bream — Halvorsen, O., 1972 a
river Glomma, southeastern Norway

Tracheliastes maculatus
Abramis brama — Halvorsen, O.; and Andersen, K., 1973 a, fig.
river Glomma

Tracheliastes maculatus Kollar 1835
structure, attachment organ — Kabata, Z.; and Cousens, B., 1972 a

Tracheliastes polycolpus Nordmann 1832
structure, attachment organ — Kabata, Z.; and Cousens, B., 1972 a, fig.

Trebius caudatus Krøyer
skate — O'Riordan, C. E., 1966 a
Ireland

Trebius longicaudatus Shiino, 1954
Squatina nebulosa (body surface of fetuses) — Shiino, S. M., 1964 a, figs.
Shirahama, Wakayama Prefecture, Japan

Trebius tenuifurcatus Rathbun
Dasyatis sabina (skin) — Pearse, A. S., [1953 c]. figs. 60-65
Alligator Harbor, Florida

Trichobius Canestrini, 1897
non Trichobius Townsend, 1891
as syn. of Trichoecius Canestrini, 1899 — Fain, A., 1970 a, 36

Trichodectes canis (DeGeer, 1778)
Vulpes bengalensis
Emerson, K. C., 1971 a
Nepal

Trichodectes cercolabes (Mjöberg) 1910
Coendu spinosus
Boero, J. J.; and Delpietro, H., 1969 a, figs.
Argentina

Trichodectes octomaculatus Paine, 1912
Procyon lotor crassidens
Emerson, K. C., 1971 b
Nicaragua

Trichodectes pinguis euarctidos
Ursus americanus
Jonkel, C. J.; and Cowan, I. M., 1971 a, 31
northwestern Montana

Trichodectes pinguis pinguis Burmeister, 1838
Ursus arctos (dlaci, koži)
Brglez, J.; and Valentinčič, S., [1969 a]
Kočensko and Dolenjsko, Slovenia

Trichodectes potus Werneck, 1934
Potos flavus campechensis
Emerson, K. C., 1971 b
Nicaragua

Trichodectes scalaris
Alugan
Georgiev, M., 1970 a

Trichodectes scalaris
incidence
cattle
Kim, S. K., 1968 b
Korea

Trichoecius Canestrini, 1899
Mycoptidae
key to African species
Syns.: Trichobius Canestrini, 1897 non Trichobius Townsend, 1891; Neomyocoptes Lawrence, 1953
Fain, A., 1970 a, 36

Trichoecius hauwaertsi nov. spec.
key
Dendromus melanotis (milieu du dos)
Fain, A., 1970 a, 36, 37, 41-45, figs. 36-39, 56
Parc National de la Garamba

Trichoecius hollidayi Lawrence, 1951
key
Rhabdomys pumilio
R. pumilio diminutus
Fain, A., 1970 a, figs. 42-45, 55
Champagne Castle, Drakensberg Mts., Natal
Ngorongoro, Tanganyika Terr. (= Tanzania)

Trichoecius idiuri nov. spec.
key
Idiurus macrotis (le dos; la patte postérieure)
Fain, A., 1970 a, 36, 45, 46, 47, figs. 40-41, 54
Kivu

Trichoecius kalrai (Radford, 1947)
key
Syns.: Myocoptes kalrai Radford, 1947; Neomyocoptes kalrai
Taterillus sp.
Taterillus congicus
Tatera dichrura
Fain, A., 1970 a, 36, 37, 38-41, figs. 32-35, 52
Parc National de la Garamba, Congo
Poko, Congo
Doruma, Congo

Trichoecius lootensi nov. spec.
key
Lophuromys flavopunctatus (poils des joues)
Fain, A., 1970 a, 36, 37, 52-56, figs. 46-49, 59
Bokuma, région de la Cuvette centrale, Congo; Yoko, Cuvette centrale, Congo

Trichoecius malacomys nov. spec.
key
Malacomys edwardsi (dos)
Fain, A., 1970 a, 37, 57-60, figs. 50-53, 57
Taï, Côte d'Ivoire; Mbla, Côte d'Ivoire

Trichoecius otomys nov. spec.
key
Otomys irroratus (base des poils du dos)
Fain, A., 1970 a, 37, 56
environs de Butembo, Kivu, Congo

Trichoecius tenax
Sigmodon hispidus
collection, modified washing technique
Henry, L. G.; and McKeever, S., 1971 a
southeastern Georgia

Tricholipeurus lipeuroides
Odocoileus virginianus
Kellogg, F. E.; Kistner, T. P.; Strickland, R. K.; and Gerrish, R. R., 1971 a
Alabama; Arkansas; Florida; Georgia; Kentucky; Louisiana; Maryland; Mississippi; North Carolina; South Carolina; Tennessee; Virginia; West Virginia

Tricholipeurus moschatus n. sp.
Nesotragus moschatus
Emerson, K. C.; and Price, R. D., 1971 b, 372, 375, 376, figs. 9-11
Naro Motu, Kenya

Tricholipeurus parallelus
Odocoileus virginianus
Kellogg, F. E.; Kistner, T. P.; Strickland, R. K.; and Gerrish, R. R., 1971 a
Alabama; Arkansas; Florida; Georgia; Kentucky; Louisiana; Maryland; North Carolina; South Carolina; Tennessee; Virginia; West Virginia

Tricholipeurus parallelus (Osborn, 1896)
seasonal fluctuations
Odocoileus virginianus
Samuel, W. M.; and Trainer, D. O., 1971 a
Welder Refuge, Sinton, Texas

Trifur
Lernaeoceridae, key
Kabata, Z., 1972 a

Trimenopon Cummings 1913
Syn.: Philandesia Kellogg and Nakayama 1914
Emerson, K. C., 1940 c, 340

Trimenopon Cummings
key, description, Trimenoponidae
von Kéler, S., 1971 a

Trimenopon echinoderma Cummings, 1913
as syn. of T. hispidum (Burmeister, 1838)
von Kéler, S., 1971 a, 13

Trimenopon hispidum (Burmeister, 1838)
synonomy
Cavia porcellus
C. aperea
C. fulgida
von Kéler, S., 1971 a, 13, figs.
all from South America

Trimenopon rozeboomi n. sp.
Cavia cobaya
Emerson, K. C., 1940 c, 339-340, 341-342, figs. 1-4
Panama

Trimenopon rozeboomi Emerson, 1940
as syn. of T. hispidum (Burmeister, 1838)
von Kéler, S., 1971 a, 13

Trimenoponidae — von Kéler, S., 1971 a
key to genera, description
includes: Trimenopon Cummings; Philandesia Kellogg & Nakayama; Harrisonia Ferris; Cummingsia Ferris; Chinchillophaga Emerson; Hoplomyophilus Méndez

Trinoton anserinum — Rafyi, A.; Alavi, A.; and Rak, H., 1969 b, fig.
duck
Iran

Trinoton anserinum (Fabricius) — Tendeiro, J., 1958 g, figs.

Trinoton conspurcatum N. — Hellén, W., 1953 a
Finland

Trinoton gambensis n. sp. — Tendeiro, J., 1958 g, 83, 96-99, 110, figs. 10-13, photos 11-12
Plectropterus gambensis gambensis
Angola; Rhodésie du Nord
Plectropterus gambensis
Upemba, Congo belge

Trinoton querquedulae (Lin.) — Shcherbinina, O. Kh., 1969 a
Ardea cinerea
Turkmenia

Triphyllacanthus ancoralis Bere — Pearse, A. S., [1953 c]
Ogcocephalus radiatus (gills)
Alligator Harbor, Florida

Trombicula — Niemand, H. G., 1973 a
Vapona, dogs, cats

Trombicula sp. — Allred, D. M., 1970 d
Sceloporus graciosus
Dipodomys ordii
Onychomys leucogaster
Peromyscus maniculatus
all from near Idaho Falls, Idaho

Trombicula n. sp. — Eads, R. B.; Treviño, H. A.; and Campos, E. G., 1965 a
Liomys irroratus texensis
Cameron County, Texas

Trombicula [sp.] — Igolkin, N. I., 1960 a
Arvicola terrestris
Microtus oeconomus
Clethrionomys
all from Ob River shore

Trombicula agamae André, 1929 — Vercammen-Grandjean, P. H.; Rohde, C.J. (jr.); and Meshghali, H., 1970 a
as syn. of Hexidionis (Pentidionis) agamae (André, 1929)

Trombicula (Eutrombicula) agamae Thor and Willmann, 1947 — Vercammen-Grandjean, P. H.; Rohde, C.J. (jr.); and Meshghali, H., 1970 a
as syn. of Hexidionis (Pentidionis) agamae (André 1929)

Trombicula aitkeni Brennan and Jones, 1960 — Brennan, J. M., 1969 c
as syn. of Fonsecia (Parasecia) aitkeni

Trombicula allredi Brennan & Beck — Eads, R. B.; Treviño, H. A.; and Campos, E. G., 1965 a
Liomys irroratus texensis
Cameron County, Texas

Trombicula almae Brennan, 1968 — Brennan, J. M., 1972 b, 16
as syn. of Peltoculus almae (Brennan, 1968) [n. comb.]

Trombicula arenicola — Allred, D. M., 1970 d
Dipodomys ordii
near Idaho Falls, Idaho

Trombicula arenicola Loomis — Elzinga, R. J.; and Rees, D.M., 1964 b
ecology, infestation rates compared, deer and harvest mice

Trombicula arenicola Loomis — Lang, J. D., 1972 a
near Tucson, Arizona
Spermophilus tereticaudus neglectus (legs)

Trombicula autumnalis (Shaw) — Crossley, D. A. (jr.); and Proctor, C. W. (jr.), 1971 a
Toxostoma rufum
Clarke County, Georgia

Trombicula bakeri — Allred, D. M., 1970 d
Dipodomys ordii
near Idaho Falls, Idaho

Trombicula belkini — Allred, D. M., 1970 d
Phrynosoma douglassi
Sceloporus graciosus
all from near Idaho Falls, Idaho

Trombicula callosa Schluger, 1966 — Muliarskaia, L. V.; et al., 1971 a
geographic and seasonal distribution
Western Azerbaĭdzhan

Trombicula cavicola — Stringer, R. P.; Harkema, R.; and Miller, G. C., 1969 a
Sylvilagus floridanus mallurus
Oryctolagus cuniculi domesticus
all from North Carolina

Trombicula chara Wharton, 1948 — Brennan, J. M., 1969 c
as syn. of Fonsecia (Parasecia) chara

Trombicula dentata Ewing, 1925 — Goff, M. L.; Loomis, R. B.; and Brennan, J. M., 1972 a
as syn. of Odontacarus dentatus (Ewing, 1925)

Trombicula doremi — Allred, D. M., 1970 d
Dipodomys ordii
Onychomys leucogaster
Perognathus parvus
all from near Idaho Falls, Idaho

Trombicula dunni Ewing, 1931 — Brennan, J. M., 1970 e
Philander opossum
Proechimys sp.
all from Bolivia

Trombicula flagellifera Traub & Audy, 1954 (tod of Lorillatum) — Vercammen-Grandjean, P. H.; and Langston, R. L., 1971 a, 447
to Lorillatum new status [comb. not made]

Trombicula (Leptotrombidium) fulleri — Varma, R. N.; and Mahadevan, B., 1971 a
Eastern Himalayas, India

Trombicula glabrum, Womersley & Heaslip, 1943 — Vercammen-Grandjean, P. H., 1971 c, 5
as syn. of Walchia (Walchia) ewingi Fuller, 1949

Trombicula gurneyi Ewing, 1937 — Brennan, J. M., 1969 c
as syn. of Fonsecia (Parasecia) gurneyi

Trombicula (Euschoengastoides) hoplai Loomis, 1956 (in part) — Loomis, R.B., 1971 a
as syn. of Euschoengastoides imperfectus (Brennan and Jones), comb. n.

Trombicula (Euschoengastoides) hoplai Loomis, 1954 (in part); Loomis, 1956 (in part as syn. of Euschoengastoides neotomae sp. n.
Loomis, R.B., 1971 a

Trombicula hoplai [sensu] Brennan and Beck, 1956; [sensu] Finley, 1958; [sensu] Allred and Beck, 1966 as syn. of Euschoengastoides neotomae sp. n.
Loomis, R. B., 1971 a

Trombicula (s.l.) ignota n. sp. Proechimys guyannensis
Brennan, J. M., 1971 a, 212, 213, 214, fig. 1-C APEG Forest, Belém, Pará, Brazil

Trombicula ignota Brennan, 1971 as syn. of Buclypeus ignotus (Brennan 1971) [n. comb.]
Brennan, J. M., 1972 a

Trombicula imperfecta Brennan and Jones, 1954 as syn. of Euschoengastoides imperfectus (Brennan and Jones), comb. n.
Loomis, R.B., 1971 a

Trombicula imperfecta Brennan and Jones, 1954 (in part) as syn. of Euschoengastoides neotomae sp. n.
Loomis, R. B., 1971 a

Trombicula jamesoni Brennan, 1948 as syn. of Euschoengastia (Farrellioides) jamesoni (Brennan, 1948) n. comb.
Vercammen-Grandjean, P. H., 1971 e

Trombicula kansasensis Loomis, 1955 as syn. of Fonsecia (Parasecia) kansasensis
Brennan, J. M., 1969 c

Trombicula longicalcar Brennan and Jones, 1960 as syn. of Fonsecia (Parasecia) longicalcar
Brennan, J. M., 1969 c

Trombicula loomisi Peromyscus maniculatus
Douglas, C. L., 1969 a, 493 Mesa Verde National Park, Colorado

Trombicula manueli Brennan and Jones, 1960 as syn. of Fonsecia (Parasecia) manueli
Brennan, J. M., 1969 c

Trombicula microti Ochotona princeps (external ear)
Barrett, R. E.; and Worley, D. E., 1970 a Park and Gallatin Counties, Montana

Trombicula (Leptotrombidium) panamensis hamaxiaia Brennan & Dalmat, 1960 as syn. of Leptotrombidium (L.) hamaxiaium n. comb. and [n. grad.]
Vercammen-Grandjean, P. H.; and Langston, R. L., 1971 a, 446

Trombicula (T.) polytechnica sp. nov. Reithrodontomys sp.
Hoffmann Mendizabal, A., 1963 b, 101, 105-106, 107, figs. 6-7 Ojotongo, Lagunas de Zempoala, Estado de México

Trombicula psittaci Floch and Abonnenc, 1949 as syn. of Fonsecia (Parasecia) psittaci
Brennan, J. M., 1969 c

Trombicula pulchra Schluger, 1955 geographic and seasonal distribution
Muliarskaia, L. V.; et al., 1971 a Western Azerbaidzhan

Trombicula rotundiscutata Fauran, 1959 as syn. of Buclypeus rotundiscutatus (Fauran, 1959) [n. comb.]
Brennan, J. M., 1972 a

Trombicula soucouyanti Brennan and Yunker, 1966 as syn. of Fonsecia (Parasecia) soucouyanti
Brennan, J. M., 1969 c

Trombicula sprocsi Brennan, 1966 as syn. of Loomisia sprocsi (Brennan) comb. n.
Brennan, J.M.; and Reed, J.T., 1972 a

Trombicula (s.l.) truncata sp. n. Saccopteryx bilineata
Brennan, J. M., 1970 e, 807, 809, 810, fig. 3 Principe de Beira, Rondônia, Brazil

Trombicula univari Brennan, 1960 as syn. of Loomisia univari (Brennan) comb. n.
Brennan, J.M.; and Reed, J.T., 1972 a

Trombicula (T.) universitatis sp. nov. Liomys sp.
Hoffmann Mendizabal, A., 1963 b, 101, 106-108, figs. 8-10 El Salto, San Luis Potosí

Trombicula (Trombicula) universitatis Hoffmann, 1963 as syn. of Fonsecia (Parasecia) universitatis
Brennan, J. M., 1969 c

Trombicula whartoni Ewing Zonotrichia albicollis
Crossley, D. A. (jr.); and Proctor, C. W. (jr.), 1971 a Clarke County, Georgia

Trombicula zachvatkini Schlug.
Lapina, I. M., 1970 a Latvia
distribution in various biotopes

Trombiculidae
Hoffmann Mendizábal, A., 1970 a Mexico
monographic study, medical and veterinary importance, larval morphology, life cycle, ecology, nutrition, reproduction

Trombiculidae control, scrub-typhus vector
Le Gac, P.; and Arquie, E., 1966 a Vietnam

Trombiculidae host specificity, review
Muliarskaia, L. V., 1969 c

Trombiculidae evolution, zoogeography
Vercammen-Grandjean, P. H., 1971 d

Trombiculidae [sp.] Papio anubis neumanni
Myers, B. J.; and Kuntz, R. E., 1967 b Mwanza, Tanzania

Trombiculidae [sp.] Mastomys natalensis
Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a East cantonments, Achimota, South Ghana

Trombiculidae [sp.] Sciurus carolinensis
Parker, J. C.; and Holliman, R. B., 1971 a North Carolina

Trombiculidae [sp.] Sciurus carolinensis
Parker, J. C.; and Holliman, R. B., 1972 a Virginia

Trombiculidae [sp.] Ondatra zibethica
Vermeil, C.; et al., 1973 a Loire-Atlantique

Trombiculinae [sp.] Turdus m. merula
Baum, H., 1968 a

Trombidium ewingi Fuller 1949
as syn. of Walchia (Walchia) ewingi Fuller, 1949
Vercammen-Grandjean, P. H., 1971 c, 6

Trombidium (? Trombicula) globulare Walch, 1927
as syn. of Helenicula globularis (Walch, 1927)
Nadchatram, M.; and Traub, R., 1971 a

Trombigastia splendida sp. n.
Miniopterus schreibersi
Shluger, E. G.; and Amanguliev, A., 1972 a, 42, 45-46, fig. 2
Bakhardensk cave, Turkmen SSR

Trouessartia sp.
Passer domesticus domesticus
Lalitha, C. M.; and Alwar, V. S., 1973 a
Madras

Trouessartia rosteri Berlese
Sturnus vulgaris
Vincent, A. L., 1972 a
San Diego County, California

Trypetoptila new genus
Syringophilidae, key
Kethley, J. B., 1970 a, 1, 2, 16, 25, 27
t d: T. casmerodia new sp.

Trypetoptila casmerodia new genus, new sp. (tod
Casmerodius albus egretta
Kethley, J. B., 1970 a, 1, 2, 2 , 28, figs. 14-15
McIntosh County, Georgia

Tucca impressus Kryer
Chilomycterus schoepfi (gills)
Pearse, A. S., [1953 c]
Alligator Harbor, Florida

Tunga penetrans
college students, diagnosis, epidemiology
Arya, O. P.; and Bennett, F. J., 1968 a
Uganda

Turacoeca scleroderma Ewing, 1920
Corythaeola cristata cristata
Tendeiro, J., 1958 g, figs.
Angola

Turbinoptes strandtmanni Boyd
Larus dominicanus (nasal passages)
Domrow, R., 1972 a
New Zealand

Turbinoptes strandtmanni Boyd, 1949
Hydroprogne caspia
Larus argentatus
L. atricilla
L. delawarensis
Pence, D. B., 1972 e
Cameron Parish, Louisiana
Buras, Louisiana
Cameron Parish, Louisiana
Cameron Parish, Louisiana

Turkiella arvicanthis Zumpt & Till, 1953
as syn. of Androlaelaps arvicanthis Radford
Zumpt, F. K. E.; and Elliott, G., 1970 a

Tychidion n. gen.
Clausidiidae
Humes, A. G., 1973 b, 189, 190
tod: T. guyanense n. sp.

Tychidion guyanense n.sp. (tod)
female unknown
Lamellibrachia sp. (tentacles)
Humes, A. G., 1973 b, 189, 190-195, figs. 1-19
Guyana

Typhloceras poppei Wagner
anomalies
Beaucournu, J. C., 1969 b

Typhloceras poppei Wagner
Apodemus sylvaticus
Microtus arvalis sarnius
Crocidura russula
Bishop, I. R., 1972 a
all from Channel Islands

Typhloceras poppei Wagner, 1903
Microtus agrestis
M. arvalis
Apodemus flavicollis
A. sylvaticus
A. agrarius
Mus musculus
Clethrionomys glareolus
Peus, F., 1970 a
all from Germany

Tyranninyssus callinectoides Brooks and Strandtmann, 1960
as syn. of Ptilonyssus callinectoides Brooks and Strandtmann, comb. n.
Pence, D. B., 1972 g

Tyroglyphus farinae Linnaeus, 1758
[Passer montanus]
Shcherbinina, O. Kh.; and Kurbanova, D. B., 1969 a
Ashkhabad

Tyroglyphus longior grain mite in human bladder, case report, treated with argirol
Blázquez, A.; and Bellvert, F., 1962 a, figs. 1-
Spain

Tyrophagus sp.
Cricetomys gambianus
Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a
Tema periphery, South Ghana

Tyrophagus palmarum Oudemans
Arvicanthis niloticus
Tatera kempi
Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a
Tema periphery, South Ghana
East cantonment, South Ghana

Tyrophagus perniciosus Zachv.
Sorex araneus
Pinchuk, L. M., 1968 a
Moldavia

Uchida numidae Giebel [Gallus gallus] — Shousmanov, Sh., 1972 a Tashkent oblast

Uchida pallidula Neumann [Gallus gallus] — Shousmanov, Sh., 1972 a Tashkent oblast

Ustina clarki Illg, 1951 to Goniodelphys [combination indicated, not made] — Ooishi, S.; and Illg, P. L., 1973 a, 228

Vanbenedenia chimaerae (Heegaard 1962) structure, attachment organ — Kabata, Z.; and Cousens, B., 1972 a, fig.

Varron du bétail. [See Hypoderma]

Vatacarus ipoides ontology — Vercammen-Grandjean, P. H., 1969 a

Veigaia nemorensis
Apodemus flavicollis
Microtus agrestis — Mahnert, V., 1971 a all from the Tirol, Austria

Vermipsylla dorcadia larval stages — Zatsarinina, G. V., 1970 a

Vulturigogus subgen. of Neocolpocephalum — Eichler, W.; and Złotorzycka, J., 1971 a type of subgen.: Neocolpocephalum (V.) kelloggi (Osborn, 1902)

Wagenaaria similis Brennan
Pteronotus davyi fulvus — Loomis, R. B., 1969 a Yucatan Peninsula, Mexico

Wagnerina tecta sp. n.
Alticola argentata
Cricetulus migratorius
Rattus turkestanicus
Mus musculus
Silvimus silvaticus — Ioff, I.G., 1949 a, 70-72, 174, 176, 179, figs. 49-50 all from Kirgiz

Wagnerina tecta biseta ssp. n. [nomen nudum] — Ioff, I. G., 1949 a, 72 Kirgiz

Walchia americana Ewing
flying squirrel — Crossley, D. A. (jr.); and Proctor, C. W. (jr.), 1971 a Clarke County, Georgia

Walchia (Walchia) disparunguis (Oudemans, 1929) — Vercammen-Grandjean, P. H., 1971 c, 2-4, figs.
Syns.: Walchia pingue Gater, 1932; Schöngastia disparunguis, Buitendijk, 1945; Walchia pinguis, Thor & Willmann, 1947
Rattus rattus ssp.
R. r. diardii
R. r. kandiyanus
R. concolor
R. ringens — all from Garoet, W. Java, Malaysia

Walchia disparunguis (Oudemans, 1929), K Alr c. al., 1945 — Vercammen-Grandjean, P. H., 1971 c, 6
as syn. of Walchia (Walchia) ewingi Fuller, 1949

Walchia disparunguis, Womersley, 1944 — Vercammen-Grandjean, P. H., 1971 c, 7
as syn. of Walchia (Walchia) fulleri n. sp.

Walchia (Walchia) ewingi Fuller, 1949 — Vercammen-Grandjean, P. H., 1971 c, 5, 6, figs.
Syns.: Walchia glabrum, Ewing, 1931; Trombicula glabrum, Womersley & Heaslip, 1943; Walchia disparunguis (Oudemans, 1929), Kohls et al., 1945; Trombidium ewingi Fuller, 1949; Gahrliepia (Walchia) ewingi, Womersley, 1952; G. (W.) glabrum, Womersley, 1952; G. (W.) pingue, Womersley, 1952; Walchia pingue, Wharton & Fuller, 1952

Walchia (Walchia) fulleri n. sp. — Vercammen-Grandjean, P. H., 1971 c, 1,7-8, figs. 1-6
Syns.: Walchia disparunguis Womersley, 1944; Gahrliepia (Walchia) disparunguis, Womersley, 1952
Rattus alticola
R. exulans
R. fulvescens
R. fuelleri
R. rajah
R. sabanus
R. whiteheadi

Walchia glabrum, Ewing, 1931 — Vercammen-Grandjean, P. H., 1971 c, 5
as syn. of Walchia (Walchia) ewingi Fuller, 1949

Walchia (Ripiaspichia) irani n. sp.
Meriones persicus — Vercammen-Grandjean, P. H.; Rohde, C. J. (jr.); and Meshghali, H., 1970 a, 773, 776, 783, fig. 18a-f Teheran, Iran

Walchia (Walchia) lupella (Traub & Evans, 1957) [n. comb.] — Vercammen-Grandjean, P. H., 1971 c, 8
Syn.: Gahrliepia (Walchia) ewingi lupella Traub & Evans, 1957

Walchia pingue Gater, 1932 as syn. of Walchia (Walchia) disparunguis (Oudemans, 1929) — Vercammen-Grandjean, P. H., 1971 c, 2

Walchia pingue, Wharton & Fuller, 1952 — Vercammen-Grandjean, P. H., 1971 c, 6
as syn. of Walchia (Walchia) ewingi Fuller, 1949

Walchia pinguis, Thor & Willmann, 1947 — Vercammen-Grandjean, P. H., 1971 c, 2
as syn. of Walchia (Walchia) disparunguis (Oudemans, 1929)

Warble fly. [See also Hypoderma; Oedemagena]

Warble fly
liquid organophosphorus dressing — Baker, K. P., 1972 a

Warbles
insecticides, dairy cattle — Ontario Live Stock Pesticide Sub-Committee, 1971 a

Warble fly
Co-ral and Ruelene — Peterson, L. K.; and Gurba, J. B., 1967 a

Whartonia guerrerensis Hoffmann
Mormoops megalophylla megalophylla — Loomis, R. B., 1969 a Yucatan Peninsula, Mexico

Whartonia kumaonensis sp. nov.
Rousettus leschenaulti
Eonycteris spelaea — Bhat, H. R., 1971 a, 585-588, figs. 1-5 all from Kumaon Hills, Uttar Pradesh, India

Whartonia nudosetosa (Wharton)
Carollia perspicillata azteca
Peropteryx m. macrotis
Artibeus jamaicensis yucatanicus
Desmodus rotundus murinus
Glossophaga soricina leachii
Mimon cozumelae
Loomis, R. B., 1969 a
Yucatan Peninsula, Mexico, all from

Wohlfahrtia pattoni
laboratory culture technique
Burgess, N. R. H.; McDermott, S. N.; and Chetwyn, K. N., 1972 a

Wohlfahrtia vigil
pathological findings
Sylvilagus floridanus mearnsii
Lopushinsky, T., 1970 a
Rose Lake Wildlife Research Center, E. Lansing, Michigan

Womersia irani n. sp.
Neophron percnopterus
Vercammen-Grandjean, P. H.; Rohde, C. J. (jr.); and Mesghali, H., 1970 a, 773, 776, 784, figs. 20-21
Bandar Abbas, Iran

Wurunjerria gen. n.
Pygiopsyllidae
Mardon, D. K.; and Dunnet, G. M., 1972 a, 61
tod: W. warnekei n. sp.

Wurunjerria warnekei n.gen. n. sp. (tod)
Gymnobelideus leadbeateri
Mardon, D. K.; and Dunnet, G. M., 1972 a, 61-68, figs. 1-11
Tanjil Bren and Matlock, Victoria

Xenarthronyssus, n. gen.
Dasyponyssidae Fonseca, 1940
Radovsky, F. J.; and Yunker, C. E., 1971 a, 135
tod: X. furmani n. sp.

Xenarthronyssus furmani n. sp. (tod)
Dasypus hybridus
Radovsky, F. J.; and Yunker, C. E., 1971 a, 135, 136, 137-140, figs. 1-6, 7 A-G, 8-15
Uruguay

Xenarthronyssus furmani bifidus n. subsp.
Dasypus novemcinctus
Radovsky, F. J.; and Yunker, C. E., 1971 a, 137, 140-142, figs. 16, 17, 18 A-B, 19-21
Panama

Xenarthronyssus furmani furmani n. subsp.
Dasypus hybridus
Radovsky, F. J.; and Yunker, C. E., 1971 a, 135, 136, 137-140, figs. 1-6, 7 A-G, 8-15
Uruguay

Xenocoeloma alleni (Brumpt)
relationships with Polycirrus caliendrum
Bocquet, C.; Bocquet-Védrine, J.; and L'Hardy, J.-P., 1968 a, figs.
Roscoff

Xenodaeria telios Jordan 1932
shrew
Hyperacrius wynnei
Hyperacrius sp.
Crocidura sp.
Apodemus [sp.]
Rattus sp.
Rattus rattoides
Hyperacrius sp. 3
Traub, R.; and Evans, T. M., 1967 b, 644-650, figs. 62-73, 83
all from Pakistan

Xenopacarus africanus
gut structure, nutrition, Xenopus laevis
Baker, R. A., 1971 a, figs.

Xenopsylla aequisetosa
Cricetomys gambianus
Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a
Tema periphery, South Ghana

Xenopsylla astia
seasonal distribution
Mus musculus
Rattus rattus
Achuthan, C.; and Chandrahas, R. K., 1971 a
all from Kolar (Mysore State)

Xenopsylla astia
double spermathecae
Chandrahas, R. K., 1971 a, figs.

Xenopsylla astia
Tatera indica
Mus p. platythrix
Rattus m. meltada
Bandicota bengalensis kok
Chandrahas, R. K.; and Krishnaswami, A. K., 1971 a
all from Kolar, India

Xenopsylla astia
+domestic rodents
Chandrahas, R. K.; and Krishnaswami, A. K., 1971 b
India

Xenopsylla astia Roths.
seasonal prevalence
Tatera indica
Chandrahas, R. K.; and Krishnaswami, A. K., 1973 a
Kolar, Mysore State

Xenopsylla astia
body location preference, albino rat
Prasad, R. S., 1972 a

Xenopsylla astia (Rothschild)
reproduction, sex hormone treated white rats
Prasad, R. S., 1973 a

Xenopsylla australiaca sp. n.
Rattus rattus
Mardon, D. K.; and Dunnet, G. M., 1971 a, 123, 129, fig. 6
Trimouille, Montebello Is., Western Australia

Notomys mitchellii
Mus musculus
Pier-Millan, Ouyen, Victoria 100 m. north of Rawlinna, Western Australia

Xenopsylla bechuanae De Meillon, 1947
Saccostomus campestris
Rattus rattus
Tatera leucogaster
Ribeiro, H., 1969 a, fig.
all from Angola

Xenopsylla brasiliensis
laboratory animals, merkaptotion, trichlorfon, piretrum
van Aswegen, P. I. M.; Hesse, P.; and Howell, C. J., 1971 a

Xenopsylla brasiliensis
+domestic rodents
Chandrahas, R. K.; and Krishnaswami, A. K., 1971 b
India

Xenopsylla cheopis
seasonal distribution
Mus musculus
Rattus rattus
Achuthan, C.; and Chandrahas, R. K., 1971 a
all from Kolar (Mysore State)

Xenopsylla cheopis
Rattus norvegicus
Rattus rattus
R. rattus alexandrinus
Mus musculus
Alaniia, I. I.; Dzneladze, M. T.; Rostigaev, B. A.; and Shiranovich, P. I., 1971 a
all from Adjarian ASSR

Xenopsylla cheopis
biological control, fluoroacetamide and sodium fluoroacetate, chemosterilization
Alekseev, A. N.; Avdeeva, E. V.; Turov, I. S.; and Tokareva, T. G., 1971 a

Xenopsylla cheopis
laboratory animals, merkaptotion, trichlorfon, piretrum
van Aswegen, P. I. M.; Hesse, P.; and Howell, C. J., 1971 a

Xenopsylla cheopis
systemic insecticides, defecation intensity
Avdeeva, E. V., 1970 a

Xenopsylla cheopis
repellents, laboratory evaluation, guinea pigs
Bar-Zeev, M.; and Gothilf, S., 1972 a

Xenopsylla cheopis
plague microbes, intestinal blockage
Bibikova, V. A.; and Alekseev, A. N., 1969 a

Xenopsylla cheopis
survival, formed elements, host blood, flea intestine
Bibikova, V. A.; Sosunova, A. M.; Morozova, I. V.; and Fedorova, V. I., 1971 a

Xenopsylla cheopis
Rattus norvegicus
Carter, R.; and Lee, C. M., 1971 a
Model Cities area, Washington, D. C.

Xenopsylla cheopis
rearing method, insecticide testing, field
Cavanaugh, D. C.; Stark, H. E.; Marshall, J. D. (jr.); and Rust, J. H. (jr.), 1972 a

Xenopsylla cheopis
Tatera indica
Chandrahas, R. K.; and Krishnaswami, A. K., 1971 a
Kolar, India

Xenopsylla cheopis
+domestic rodents
Chandrahas, R. K.; and Krishnaswami, A. K., 1971 b
India

Xenopsylla cheopis (Rothschild)
systemic insecticide trials, guinea pigs, 61 compounds tested
Clark, P.H.; and Cole, M.M., 1971 a

Xenopsylla cheopis
Pasteurella tularensis, poor survival in larvae
Hood, A. M.; and Molyneux, D. H., 1970 a

Xenopsylla cheopis
epidemiology, rickettsial diseases, compared with Ctenocephalides f. felis Pulex irritans
Issa, G. I.; and Salit, A. M., 1969 a
Talbiya Village, Giza Governorate, U. A. R.

Xenopsylla cheopis Roths. standard cultivation, media — Turgenson, I. A.; and Il'ina, S. V., 1970 a

Xenopsylla cheopis (Rothschild) — Layne, J. N., 1971 a Florida

Xenopsylla cheopis seasonal variations, sex distribution on Mus musculus — Mahdi, A. H.; and Arafa, M. S., 1971 a Egypt

Xenopsylla cheopis
Rattus r. alexandrinus
R. r. frugivorus
R. norvegicus
Mus musculus — Mahdi, A.H.; Arafa, M. S.; and Ismail, S. M., 1971 a all from Tahrir Province, Egypt

Xenopsylla cheopis various temperatures, development, prepupa and pupa — Margalit, J.; and Shulov, A. A., 1972 a, figs.

Xenopsylla cheopis vector of plague
Suncus murinus — Marshall, J. D.; et al., 1967 a Vietnam

Xenopsylla cheopis seasonal periodicity, Rattus rattus tanezumi — Murrell, K. D.; and Cates, M. D., 1970 a Taiwan

Xenopsylla cheopis?
Rattus rattus — Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a Achimota, South Ghana

Xenopsylla cheopis
Arvicanthis niloticus
Mastomys natalensis — Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a Tema periphery, South Ghana South Ghana

Xenopsylla cheopis body location preference, albino rat — Prasad, R. S., 1972 a

Xenopsylla cheopis Rothschild inbreeding, testicular abnormalities, sterile males — Prasad, R. S., 1972 b

Xenopsylla cheopis reproduction, sex hormone treated white rats — Prasad, R. S., 1973 a

Xenopsylla cheopis
Rattus norvegicus
Rattus rattus rattus
Rattus rattus alexandrinus
Rattus rattus frugivorus
Mus musculus
Acomys cahirinus — Rifaat, M. A.; Mahdi, A. H.; and Arafa, M. S., 1969 b all from Egypt

Xenopsylla cheopis (Rothschild)
Rattus rattus flavipectus
Rattus norvegicus — Romer, J. D., 1955 a all from Hong Kong

Xenopsylla cheopis morphology, mechanism of jump — Rothschild, M.; Schlein, Y.; Parker, K.; and Sternberg, S., 1972 a

Xenopsylla cheopis transfer among hosts, epizootiology of plague
Citellus beecheyi
Rattus norvegicus
Sylvilagus audubonii — Ryckman, R. E., 1971 a all from California

X[enopsylla] cheopis piperidine derivatives as repellents — Safaev, A. S.; et al., 1969 a

Xenopsylla cheopis (Rothschild)
Rattus norvegicus norvegicus — Schiefer, B. A.; and Lancaster, J. L. (jr.), 1970 a Arkansas

Xenopsylla cheopis susceptibility, DDT, Gamma BHC, Dieldrin — Shalaby, A. M., 1971 b Libya

Xenopsylla cheopis vector, human diseases — Siddiqi, A. A., 1971 a

Xenopsylla cheopis Roths. experimental transmission of Salmonella enteritidis to white mice — Vashchenok, V. S.; et al., 1971 a

Xenopsylla cheopis Roths. intestinal tract structure, nutrition, digestion — Vashchenok, V. S.; and Solina, L. T., 1969 a, figs.

Xenopsylla cheopis females, fat tissue changes, age — Vashchenok, V. S.; and Solina, L. T., 1972 a

Xenopsylla coppensi n. sp.
Tatera nigricauda — Beaucournu, J.-C.; Houin, R.; and Rodhain, F., 1970 a, 111-114, figs. 1-2, 4 Changora (35° 20' E-5° N), 40 km N de Kalam, province du Gemu-Goffa (basse vallée de l'Omo), Ethiopie

Xenopsylla difficilis Jordan — Beaucournu, J.-C.; Houin, R.; and Rodhain, F., 1970 a, figs.

Xenopsylla gerbilli minax Jord. bactericidal factor, plague microbes — Alekseev, A. N.; Bibikova, V. A.; and Khrustselevskaia, N. M., 1969 a

Xenopsylla gerbilli minax Jord. survival, formed elements, host blood, flea intestine — Bibikova, V. A.; Sosunova, A. N.; Morozova, I. V.; and Fedorova, V. I., 1971 a

Xenopsylla gerbilli minax reproduction, metamorphosis, temperature, humidity — Zolotova, S. I.; and Afanas'eva, O. V., 1969 a

Xenopsylla hipponax De Meillon, 1942
Tatera leucogaster
Tatera sp.
Praomys natalensis — Ribeiro, H., 1969 a, fig. all from Angola

Xenopsylla mulleri De Meillon, 1947
Tatera leucogaster
T. brantsi — Ribeiro, H., 1969 a, fig. all from Angola

Xenopsylla nubica
Lepus capensis — Flux, J. E. C., 1972 a Kenya

Xenopsylla nubica
Mastomys natalensis — Paperna, I.; Furman, D. P.; and Rothstein, N., 1970 a East cantonment, Nungua-Tema area, South Ghana

Tatera kempi — East cantonment, South Ghana

Xenopsylla nuttalli metamorphosis, temperature, humidity — Gerasimova, N. G., 1969 b

Xenopsylla philoxera Hopkins, 1949
Tatera leucogaster
Graphiurus murinus
Paracynictis selousi
Praomys natalensis
Thalomys paedulcus
Tatera sp.
Saccostomus campestris
Dasymys incomtus nudipes — Ribeiro, H., 1969 a, fig. all from Angola

Xenopsylla piriei laboratory animals, merkaptotion, trichlorfon, piretrum — van Aswegen, P. I. M.; Hesse, P.; and Howell, C. J., 1971 a

Xenopsylla ramesis (Rothschild, 1904) Meriones tristrami — Sonenshine, D. E.; and Ziv, M., 1971 a Israel

Xenopsylla skrjabini metamorphosis, temperature, humidity — Gerasimova, N. G., 1969 b

Xenopsylla skrjabini Joff plague block, relative temperature and humidity, feeding conditions — Novokreshchenova, N. S.; Kochetov, A. Kh.; and Starozhitskaia, G. S., 1969 a

Xenopsylla skrjabini feeding activity on voles, reservoir hosts of plague virus — Novokreshchenova, N. S.; Starozhitskaia, G. S.; and Tundin, E. V., 1971 a

Zoomyia Bigot, 1885 as syn. of Hippobosca Linné 1758 — Vanschuytbroeck, P., 1968 a, 14

Zosteridionis Loomis and Lucas subgen. of Hexidionis, evolution, zoogeography — Vercammen-Grandjean, P. H., 1971 d

MESOZOA

Ciliocincta sabellariae Kozloff, 1965
general morphology, ultrastructure — Kozloff, E. N., 1971 a, figs.

Dicyema sp.
infusoriform stage, electron microscopic studies — Ridley, R. K., 1969 a

Dicyema sp. A
Robsonella australis — Short, R. B.; and Hochberg, F. G. (jr.), 1969 a, 590
Kaikoura, New Zealand

Dicyema sp. B
Octopus maorum — Short, R. B.; and Hochberg, F. G. (jr.), 1969 a, 590
Kaikoura, New Zealand

Dicyema sp. C
Octopus maorum — Short, R. B.; and Hochberg, F. G. (jr.), 1969 a, 590
Kaikoura, New Zealand

Dicyema knoxi sp. n.
Octopus maorum (renal organs) — Short, R.B., 1971 a, 231, 236-239, 241, 242, 244, 245, 247, 248, figs. 21-36, 60-63
near shore Kaikoura Peninsula, South Island, New Zealand

Dicyema maorum sp. n.
Octopus maorum (renal organs) — Short, R.B., 1971 a, 231, 240, 242-244, 245, 246, 247, 248, figs. 37-59, 64-68
near shore Kaikoura Peninsula, South Island, New Zealand

Dicyema robsonellae sp. n.
Robsonella australis (renal organs) — Short, R.B., 1971 a, 231-236, 245, 247, 248, figs. 1-20, 69-72
offshore Kaikoura Peninsula, South Island, New Zealand

Dicyema typoides
infusoriform stage, electron microscopic studies — Ridley, R. K., 1969 a, figs.

Dicyemennea antarcticensis sp. n.
Pareledone turqueti — Short, R. B.; and Hochberg, F. G. (jr.), 1970 a, 517-522, figs. 2-21
Antarctic Peninsula

Dicyemennea eltanini n. sp.
unidentified octopod — Short, R. B.; and Powell, E. C., 1969 a, 794-799, figs. 1-23
South Scotia Ridge SE of South Orkney Islands

Dicyemennea kaikouriensis sp. n.
Octopus maorum — Short, R. B.; and Hochberg, F. G. (jr.), 1969 a, 583-588, 590, 592, figs. 1-25
South Bay, Kaikoura Peninsula, South Island, New Zealand

Dicyemennea rostrata sp. n.
Robsonella australis — Short, R. B.; and Hochberg, F. G. (jr.), 1969 a, 583, 589, 590, 591, 592-596, figs. 26-51
offshore about 5.5 miles NE of Kaikoura Peninsula, South Island, New Zealand

Dicyemid[a]
convergent evolution with ciliate Chromidina within cephalopod hosts — Hochberg, F.G. (jr.), 1969 a

COELENTERATA

Eugymnanthea inquilina
prospective exper. animal, biological and chemical research — Palombi, A., 1971 a

Polypodium hydriforme Ussov
Cu, Zn, Co, Mn, content, host-parasite adaptability — Andreev, V. V.; and Markov, G. S., 1971 a; 1971 b; 1971 c

Polypodium hydriforme Ussov, 1885
Acipenser nudiventris
[Acipenser ruthenus]
[Acipenser] osetr
A. stellatus — Osmanov, S. O., 1971 a, 66
all from Uzbekistan

PLATYHELMINTHES

Syndesmis franciscana
amino acid pools
Strongylocentrotus purpuratus (gut, coelom) — Mettrick, D. F.; and Boddington, M. J., 1972 a
coastal waters, southern California

Triloborhynchus psilastericola n. sp.
Psilaster andromeda (coelomic cavity, pyloric caeca) — Jespersen, Å.; and Lützen, J., 1972 a, 290-298, figs. 1-12
Oslo Fjord, S. Norway

Turbellaria
commensalism and parasitism, review — Jennings, J. B., 1971 a

ROTIFERA

Drilophaga bucephalus
Lumbriculus variegatus — Košel, V., 1973 b, 145-146, fig. 1
river Rudava, southwest Slovakia

Embata parasitica — Whitfield, P. J., 1971 c, pl

MOLLUSCA

Anodonta sp.
Esox lucius
Rutilus rutilus
Scardinius erythrophthalmus
Barbus brachycephalus
Pelecus cultratus
Carassius auratus gibelio
Lucioperca lucioperca
Perca fluviatilis
— Osmanov, S. O., 1971 a, 232
Uzbekistan, all from

Anodonta sp.
(gills of all)
[Esox lucius]
[Perca fluviatilis]
— Rauckis, E., 1970 a
all from Lake Dusia, Lithuania

Anodonta sp.
Salmo trutta (gills)
S. gairdneri (gills)
Perca fluviatilis (gills, buccal cavity)
Gymnocephalus cernua (gills, buccal cavity)
Rutilus rutilus (gills)
Pungitius pungitius (fins)
— Wootten, R., 1973 a
all from Hanningfield Reservoir, Essex

Lampsilis radiata
Roccus americanus
— Tedla, S.; and Fernando, C. H., 1969 c
Bay of Quinte, Lake Ontario

Stilifer Broderip
reproductive organs, transitional stages from male to female, reproduction
— Lützen, J., 1972 a

Stilifer spp.
Ophidiaster spp.
— Lützen, J., 1972 a
Northwest Isle, Green Barrier Reef; North of Doe Roa, Banda Sea

Stilifer astericola Broderip 1832
Heliaster spp.
H. cumingi
— Lützen, J., 1972 a
South America (?), Galapagos Islands

Stilifer celebensis Kükenthal 1897
Choriaster
— Lützen, J., 1972 a
Celebes

Stilifer linckiae Sarasin & Sarasin 1887
reproductive organs, transitional stages from male to female, reproduction
Linckia multifora
— Lützen, J., 1972 a
Inhaca Island; Muscat, Gulf of Oman, Iranian Gulf; Lifu, the Loyalty Islands, S. W. Pacific; Solomon Atoll, Chagos Archipel, Indian Ocean

Stilifer ophidiastericola Habe 1951
Ophidiaster lorioli
O. confertus
— Lützen, J., 1972 a
Queensland, Australia
Masthead Island, Australia

Stilifer ovoideus H. & A. Adams 1853
Ophidiaster granifer
Tamaria dubiosa
— Lützen, J., 1972 a
Borneo
Cocos Keeling Atoll, East Indian Ocean

Stilifer utinomii Habe 1951
Linckia guildingii
— Lützen, J., 1972 a
Masthead Island, Queensland; Northwest Isle, Great Barrier Reef

L. laevigata
— Masthead Island

Unionidae gen. sp.
Gobio gobio
Cyprinus carpio
— Tomnatik, E.N.; and Fainenko-Marits, N. M., 1968 a
all from Moldavian reservoirs

Unionidae gen. sp.
Perca fluviatilis
— Wierzbicka, J.; and Wierzbicki, K., 1971 a
Legińskie Lake

ANNELIDA

Acanthobdella peledina Grube, 1851
[Salvelinus alpinus erythrinus]
[Hucho taimen]
[Brachymystax lenok]
[Thymallus arcticus pallasi]
— Pronin, N. M., 1971 a
Lake Frolikha (basin of Lake Baĭkal); Lake Leprindokan (basin of Vitima river)
Chara river
Lake Leprindokan (basin of Vitima river); Chechuĭ river tributary of Lena river)
Lake Leprindokan (basin of Vitima river); Chechuĭ river (tributary of Lena river); Chaia river

Baicalobdella Dogiel, 1957
diagnosis, genital system
— Epshteĭn, V. M., 1973 a, figs.

Barbronia weberi formosana (Oka, 1929)
— Moore, J. P., 1946 a, fig.
Hawaiian Islands

Bassianobdella Richardson 1970
genus redefined
— Richardson, L. R., 1971 b, 115

Bassianobdella ingrami sp. nov.
— Richardson, L. R., 1971 b, 113-118, fig. 1
Tasmania

Batracobdella slovaca sp. n.
— Košel, V., 1973 a, 87-90, figs. 1-8
southwest Slovakia

Bdellarogatis Richardson, 1969
Mollibdellinae [n. subfam.]
— Richardson, L. R., 1971 a

Calliobdella van Beneden et Hesse, 1863
diagnosis, genital system
— Epshteĭn, V. M., 1973 a, figs.

Calliobdella carolinensis sp. nov.
Brevoortia tyrannus
Alosa aestivalis
— Sawyer, R. T.; and Chamberlain, N. A., 1972 a, 470-479, figs. 1-3
all from estuaries, South Carolina

Calliobdella carolinensis Sawyer and Chamberlain 1972
Brevoortia tyrannus
— Sawyer, R. T.; and Hammond, D. L., 1973 a, figs.
estuaries of South Carolina

Clepsine maculosa Rathke 1862
— Fjeldså, J., 1972 a
as syn. of Theromyzon maculosum (Rathke 1862

Cystobranchus mammillatus (Malm 1863)
seasonal cycle, attachment site on host, Lota lota
Halvorsen, O., 1971 a, fig.
river Glomma, Norway

Cystobranchus mammillatus
Lota lota
Halvorsen, O., 1971 b
river Glomma, south-eastern Norway

Cystobranchus mammillatus (Malm)
seasonality, temperature, occurrence and reproduction, burbot
Halvorsen, O., 1972 a
river Glomma, southeastern Norway

Cystobranchus mammillatus
Lota lota
Halvorsen, O.; and Andersen, K., 1973 a, fig.
river Glomma

Dero (Allodero) bauchiensis
distinguished from D. (A.) floridana n. sp.
Harman, W. J., 1971 a

Dero (Allodero) floridana n. sp.
Bufo terrestris (ureter)
Harman, W. J., 1971 a, 225-228, figs. 1a-d,2
Okaloosa County, Florida

Dero (Allodero) hylae [n. comb.]
Syn.: Schmardaella hylae Goodchild, 1951
Goodchild, C. G., 1971 a

Dero (Allodero) lutzi
distinguished from D. (A.) floridana n. sp.
Harman, W. J., 1971 a

Dero (Allodero) malayana
distinguished from D. (A.) floridana n. sp.
Harman, W. J., 1971 a

Diestecostoma octannulata n. sp.
Moore, J. P., 1946 a, 174, 175, 178, 179, 184-190, figs. 1f-h, 2e-g, 4
Volcano Tajumulco, Guatemala

Erpobdella (Erpobdella) nigricollis (Brand.)
distribution
Wilkialis, J., 1963 a
Suprasl River

Erpobdella (Erpobdella) octoculata (L.)
distribution
Wilkialis, J., 1963 a
Suprasl River

Gastrostomobdella quinqueannulata n. sp.
Moore, J. P., 1946 a, 174, 175, 177-181, figs. 1a-b,2a-d.
Punaluu, Hawaii

Glossiphonia complanata
ultrastructure, tegument organs of Bayer
Damas, D., 1973 a, figs.

Glossiphonia complanata
distribution
Wilkialis, J., 1963 a
Suprasl River

Glossiphonia heteroclita
Lymnaea pereger (mantle-cavity)
Gruffydd, Ll. D., 1966 a
near Pentir, Caernarvonshire

Glossiphonia heteroclita
distribution
Wilkialis, J., 1963 a
Suprasl River

Glossiphonia weberi
Rana limnocharis
Chandra, M.; and Mukharjee, R. N., 1973 a
Nahan, Sirmour District, H.P.

Glossiphonia weberi lata Oka 1910
Moore, J. P., 1946 a
Hawaii

Haemadipsa bilobata n. sp.
Moore, J. P., 1946 a, 174, 175, 181-184, figs. 1c-e, 3
Ovalau, near Vuma, Fiji

Haemadipsa montana Moore
Chandra, M., 1970 a
Sikkim and N.E.F.A., India

Haemadipsa sylvestris Blanchard
Chandra, M., 1970 a
Sikkim; Assam; N.E.F.A.; Uttar Pradesh, India

Haemadipsa sylvestris
repellents
Ramachandran, P. K.[2]; et al., 1971 a

Haemadipsa zeylanica (Moquin-Tandon)
Chandra, M., 1970 a
N.E.F.A., India

Haemadipsa zeylanica agilis Moore
Chandra, M., 1970 a
N.E.F.A., India

Haemadipsa zeylanica montivindicis Moore
Chandra, M., 1970 a
N.E.F.A.; Sikkim, India

Haementeria costata (Fr. Müll.)
distribution
Wilkialis, J., 1963 a
Suprasl River

Haemopidae Richardson, 1969
genera Philobdella and Semiscolex excluded
includes: Haemopinae [n. subfam.]; Mollibdellinae [n. subfam.]
Richardson, L. R., 1971 a

Haemopinae [n. subfam.]
Haemopidae; includes Haemopis (Savigny 1822) Richardson, 1969, type gen.; Percymoorensis Richardson 1969; g. innom. kingi, lateromaculatum
Richardson, L. R., 1971 a

Haemopis (Savigny 1822) Richardson, 1969, type gen.
Haemopinae [n. subfam.]
Richardson, L. R., 1971 a

Haemopis marmorata (Say)
electrophysiology, Retzius' cells, segmental ganglia
Lent, C. M., 1972 a, fig.

Haemopis marmorata
Retzius' cells, segmental ganglia, comparative neuronal geometry
Lent, C. M., 1973 a, fig.

Haemopis sanguisuga
bacterial infection of leech, pathogenicity, immunity
Schubert, I., 1971 a

Haemopis sanguisuga (L.)
distribution
Wilkialis, J., 1963 a
Suprasl River

Helobdella punctato-lineata
Biomphalaria alexandrina, biological control, exper. studies
Abdallah, A.; and Tawfik, J., 1972 a, figs.

Helobdella stagnalis
reproductive cycle, temperature
Tillman, D. O.; and Barnes, J. R., 1973 a, pls.
Utah Lake, Utah

Helobdella stagnalis (L.)
distribution
Wilkialis, J., 1963 a
Suprasl River

Hemiclepsis marginata (O. F. Müller, 1774)
Barbus capito conocephalus (skin)
Silurus glanis (skin)
Osmanov, S. O., 1971 a, 229 all from Uzbekistan

Hemiclepsis marginata (O. F. Müller)
distribution
Wilkialis, J., 1963 a, fig.
Suprasl River

Hirudinaria (Poecilobdella) granulosa (Savigny)
Chandra, M., 1970 a
Uttar Pradesh, India

Hirudinaria granulosa
abnormal genital organs
Sharma, S.; and Kaur, S., 1973 a, figs.

Hirudinaria (Poecilobdella) viridis Moore — Chandra, M., 1970 a; Varanasi Cantt., Uttar Pradesh, India

[Hirudinea] — Khaĭbulaev, K. Kh., 1969 a
role in life cycle of Trypanosoma and Crithidia fish parasites

[Hirudinea] piiavki — Khaĭbulaev, K. Kh., 1970 a
role in transmission of Trypanosoma and Cryptobia to fish, review

Hirudinea — Klemm, D. J., 1972 a
distribution, ecology, review; Michigan

Hirudinea — Kopenski, M. L., 1972 a
distribution; Marquette County, Michigan

[Hirudinea sp.] leech — Popov, Iv.; and Karadzhova, R., 1967 a
child (vagina)

Hirudo medicinalis — Bagnoli, P.; Brunelli, M.; and Magni, F., 1973 a
fast conduction pathway, central nervous system

[Hirudo medicinalis] medicinal leech — Burgova, M. P.; Kurepina, V. G.; and Kondrashova, M. N., 1973 a
pyridine nucleotides, flavoproteins, gigantic nerve cells

Hirudo medicinalis — Duchesne, P. Y., 1969 a
neurosecretion, caudal ganglion

Hirudo medicinalis — Dumas, D., 1972 a, figs., pls.
hardening of cuticle in jaws leading to dental structures, histochemical and ultrastructural studies

Hirudo medicinalis L. — Hammersen, F.; and Staudte, H. W., 1969 a, figs. 1-20
ultrastructure, lateral sinus

Hirudo medicinalis — Hawkins, R.I.; and Hellmann, 1966 a
lacks fibrinolytic enzyme and plasminogen activator in gut

Hirudo medicinalis — Hraba, M., 1966 a
humans, gastrointestinal and upper respiratory hemorrhage, contaminated drinking water, case reports; Czechoslovakia

Hirudo medicinalis — Lent, C. M., 1973 a, fig.
Retzius' cells, segmental ganglia, comparative neuronal geometry

Hirudo medicinalis — Osborne, N. N.; Briel, G.; and Neuhoff, V., 1972 a
Retzius cells, amine and amino acid composition

Hirudo medicinalis — Schubert, I., 1971 a
bacterial infection of leech, pathogenicity, immunity

Hirudo medicinalis — Walker, R. J.; and Smith, P. A., 1973 a
ionic mechanism for 5-hydroxytryptamine inhibition on Retzius cells

Hirudo medicinalis — Walther, J. B., 1970 a, fig.
ohmic resistances, light, resting and stimulated visual cells

Hirudo medicinalis — Zerbst-Boroffka, I., 1973 a
osmotic and volume regulation, after food intake

Hirudo medicinalis — Zubchenko, I. A.; and Petrova, T. A.[2], 1973 a
amino acid absorption

Illinobdella moorei — Scalet, C.G., 1971 a
Etheostoma radiosum (fins); Oklahoma

Iphitime holobranchiata n. sp. — Pilger, J., [1972 a], 84-87, figs. 1-6
Cancer antennarius (branchial cavity); near Little Harbor, Santa Catalina Island, California

Kaiyabdella gen. nov. — Richardson, L. R., 1972 a, 131
Richardsonianidae; tod: Richardsonianus dawbini Richardson 1969

Kaiyabdella dawbini (Richardson 1969) [n. comb.] — Richardson, L. R., 1972 a, 131-139, figs. 1-2
(tod); Alumy Creek, Grafton and Clarence River flood plain, New South Wales

Limnatis bacescui sp. nov. — Manoleli, D., 1972 a, 237, 238-239, figs. 1-3
Dereaua Tichilești (Dobrodgea-Romania)

Limnatis nilotica — Almallah, Z., 1968 b
human internal hirudiniasis, haemoptysis, case reports youths (trachea, vocal cords); Iraq

Limnatis nilotica Savigny, 1890 — Slonov, M. N.; and Makarov, V. A., 1970 a
man (upper respiratory tract); Algerian People's Democratic Republic

Limnobdella turkestanica (Stschegoleva, 1912) — Osmanov, S. O., 1971 a, 230
all from Uzbekistan
Syns.: Trachelobdella turkestanica Stschegoleva, 1912; Trachelobdella aralensis Dogiel et Bychowsky, 1934
Pseudoscaphirhynchus kaufmanni
Barbus capito conocephalus
B. brachycephalus
Schizothorax intermedius
S. argentatus
[Schizothorax pseudaksaiensis]
Varicorhinus capoëta heratensis n. steindachneri
Cyprinus carpio
Alburnoides taeniatus

Limnotrachelobdella Epstein, 1968 — Epshteĭn, V. M., 1973 a, figs.
diagnosis, genital system

Macrobdella decora — Lent, C. M., 1973 a, fig.
Retzius' cells, segmental ganglia, comparative neuronal geometry

Macrobdella ditetra — Henderson, T. B.; and Strong, P. N. (jr.), 1972 a
electroshock conditioned response

Malmiana nuda Richardson — Mace, T. F.; and Davis, C.C., 1972 a
energy consumption, parasitized and unparasitized Myoxocephalus scorpius

Malmiana nuda Richardson 1970 — So, B. K. F., 1972 a
Myoxocephalus scorpius

Mollibdella Richardson, 1969, type gen. — Richardson, L. R., 1971 a
Mollibdellinae [n. subfam.]

Mollibdellinae [n. subfam.] — Richardson, L. R., 1971 a
Haemopidae; includes: Mollibdella Richardson, 1969, type gen.; Bdellarogatis Richardson, 1969

Moorebdellina gen. n.
Piscicolidae
Epshteĭn, V. M., 1972 a, 1142, 1145-1146
tod: M. rugosa [n. comb.]

Moorebdellina rugosa (Moore, 1938) [n. comb.] (tod)
Epshteĭn, V. M., 1972 a, 1142-1146, figs.

Myzobdella moorei
Perca flavescens (pectoral fin)
Zischke, J. A.; and Vaughn, C. M., 1962 a
Fort Randall Reservoir, South Dakota

Paraclepsis praedatrix
Rana limnocharis
Chandra, M.; and Mukharjee, R. N., 1973 a
Nahan, Sirmour District, H.P.

Percymoorensis Richardson, 1969
Haemopinae [n. subfam.]
Richardson, L. R., 1971 a

Percymoorensis caballeroi sp. nov.
Richardson, L. R., 1971 a, 1095, 1097-1102, fig. 1A-H
Xochimilco, Mexico

Philobdella
excluded from Haemopidae
Richardson, L. R., 1971 a

Piscicola
potassium permanganate, jumping carp
Schöne, J., 1966 a

Piscicola geometra
age of host
Cyprinus carpio
Mikailov, T. K.; and Pashaev, G. A., 1973 a
Azerbaĭdzhan SSR

Piscicola geometra
Hypophthalmichthys molitrix
Musselius, V. A., 1969 a
European USSR

Piscicola geometra
Prosopium coulteri (attached to exterior body surface)
Newell, R.; and Canaris, A. G., 1969 a
Western Montana

Piscicola geometra (L., 1761)
Acipenser nudiventris
Pseudoscaphirhynchus kaufmanni
Esox lucius
Rutilus rutilus
Leuciscus idus oxianus
Scardinius erythrophthalmus
Aspius aspius
Barbus capito conocephalus
Barbus brachycephalus
Chalcalburnus chalcoides
Abramis brama
A. sapa
Capoetobrama kuschakewitschi
Pelecus cultratus
Carassius auratus gibelio
Cyprinus carpio
Nemachilus malapterurus
Silurus glanis
Lucioperca lucioperca
Perca fluviatilis
Osmanov, S. O., 1971 a, 231
all from Uzbekistan

Piscicola geometra
[Esox lucius] (body surface, oral cavity)
[Perca fluviatilis] (body surface)
[Rutilus rutilus] " "
Rauckis, E., 1970 a
all from Lake Dusia, Lithuania

Piscicola geometra
Carassius
Cyprinus carpio
Lucioperca lucioperca
Tomnatik, E.N.; and Esinenko-Marits, N. M., 1968 a
all from Moldavian reservoirs

Piscicola geometra
Perca fluviatilis
Wierzbicka, J.; and Wierzbicki, K., 1971 a
Legińskie Lake

Piscicola geometra (Linnaeus, 1761)
Salmo gairdneri (body surface)
Gymnocephalus cernua (body surface)
Wootten, R., 1973 a
all from Hanningfield Reservoir, Essex

Placobdella parasitica (Say, 1824)
Chrysemys picta
Ernst, C. H., 1971 a
Lancaster County, Pennsylvania

Placobdella parasitica
attachment organ, suctorial pressure, locomotion, temperature
Chrysemys picta (axillae)
Gradwell, N., 1972 a, pl.

Placobdella parasitica (Say)
Chrysemys scripta elegans
Hendricks, A. C.; Wyatt, J. T.; and Henley, D. E., 1971 a
Sabine River, West Bluff, Orange County, Texas

Placobdella parasitica
Retzius' cells, segmental ganglia, comparative neuronal geometry
Lent, C. M., 1973 a, fig.

Placobdella parasitica
Chelydra serpentina
Chrysemys picta
Pseudemys scripta
Martin, D. R., 1973 a
all from southern Illinois

Placobdella rugosa (Verrill)
Chrysemys scripta elegans
Hendricks, A. C.; Wyatt, J. T.; and Henley, D. E., 1971 a
Sabine River, West Bluff, Orange County, Texas

Placobdella rugosa
Chrysemys picta
Pseudemys scripta
Martin, D. R., 1973 a
all from southern Illinois

Poecilobdella granulosa (Savigni, 1822)
mode of blood-sucking, enzyme localization
Dev, B.; and Mishra, G. C., 1972 a, figs.

Pontobdella macrothela
compared to P. rugosa
Epshteĭn, V. M., 1972 a, figs.

Pontobdella muricata
compared to P. rugosa
Epshteĭn, V. M., 1972 a, figs.

Pontobdella rugosa Moore
transferred to Moorebdellina gen. n.
Epshteĭn, V. M., 1972 a

Pontobdella vosmaeri
compared to P. rugosa
Epshteĭn, V. M., 1972 a, figs.

Protoclepsine meyeri Livanow 1902
as syn. of Theromyzon maculosum (Rathke 1862)
Fjeldså, J., 1972 a

Protoclepsis maculosum Livanow 1902
as syn. of Theromyzon maculosum (Rathke 1862)
Fjeldså, J., 1972 a

Schmardaella hylae Goodchild, 1951
as syn. of Dero (Allodero) hylae [n. comb.]
Goodchild, C. G., 1971 a

Semiscolex
excluded from Haemopidae
Richardson, L. R., 1971 a

Stratiodrilus cirolanae n. sp.
Cirolana venusticauda var. simplex (pleopods)
Führ, I. M., 1971 a, 325-326, figs. 1a-b
Langebaan Lagoon to East London, South Africa

Theromyzon maculosum (Rathke 1862)
distribution, ecology, life history
Syns.: Clepsine maculosa Rathke 1862; Protoclepsis maculosum Livanow 1902; Protoclepsine meyeri Livanow 1902
Fjeldså, J., 1972 a
near Harstad, N. Norway

Theromyzon tessulatum (O. F. Müller)
distribution
Wilkialis, J., 1963 a, fig.
Suprasl River

Trachelobdella Diesing, 1850
diagnosis, genital system
Epshteĭn, V. M., 1973 a, figs.

Trachelobdella aralensis Dogiel et Bychowsky, 1934
as syn. of Limnobdella turkestanica (Stschegoleva, 1912)
Osmanov, S. O., 1971 a

Trachelobdella turkestanica Stschegoleva, 1912
as syn. of Limnobdella turkestanica (Stschegoleva, 1912)
Osmanov, S. O., 1971 a

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